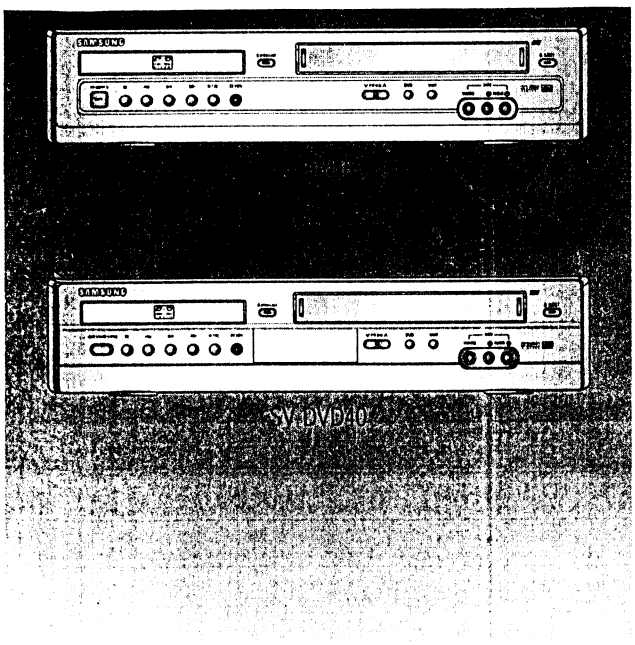
DVD-VCR COMBINATION

Chassis : Diva
SV-DVD55
SV-DVD40

SERVICE Manual

If you want to know additional information which is not included on this Service Manual, please refer to the SV-DVD50 Training Manual (AK82-00330A).

DVD-VCR COMBINATION



CONTENTS

1. Precautions
2. Alignment and Adjustment
3. Exploded Views and Parts List
4. Electrical Parts List
5. Block Diagram
6. Schematic Diagrams

2. Alignment and Adjustments

2-1 VCR Adjustment

2-1-1 Reference

1) X-Point (Tracking center) adjustment, "Head switching adjustment" and "NVRAM option setting" can be adjusted with remote control.
2) When replacing the Main PCB Micom (IC601) and NVRAM (IC605 ; EEPROM) be sure to adjust the "Head switching adjustment" and "NVRAM option setting".
3) When replacing the cylinder ass'y, be sure to adjust the "X-Point" and "Head switching adjustment".
4) How to adjustment.
   - Intermittently short-circuit the Test Point on Main PCB with pincers to the adjustment mode.
   - If the corresponding adjustment button is pressed, the adjustment is performed automatically.
   - If the adjustment is completrd, be sure to turn the power off.

2-1-1(a) Location of adjustment button of remote control

☞ X-Point (Tracking Center) Adjustment ; ⓪ + ⑤

☞ NVRAM Option Setting ; ① + ④

☞ Head Switching Adjustment ; ① + ⓪

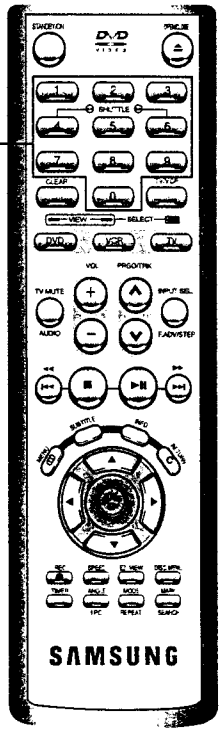


Fig. 2-1

2-1-1(b) TEST location for adjustment mode setting

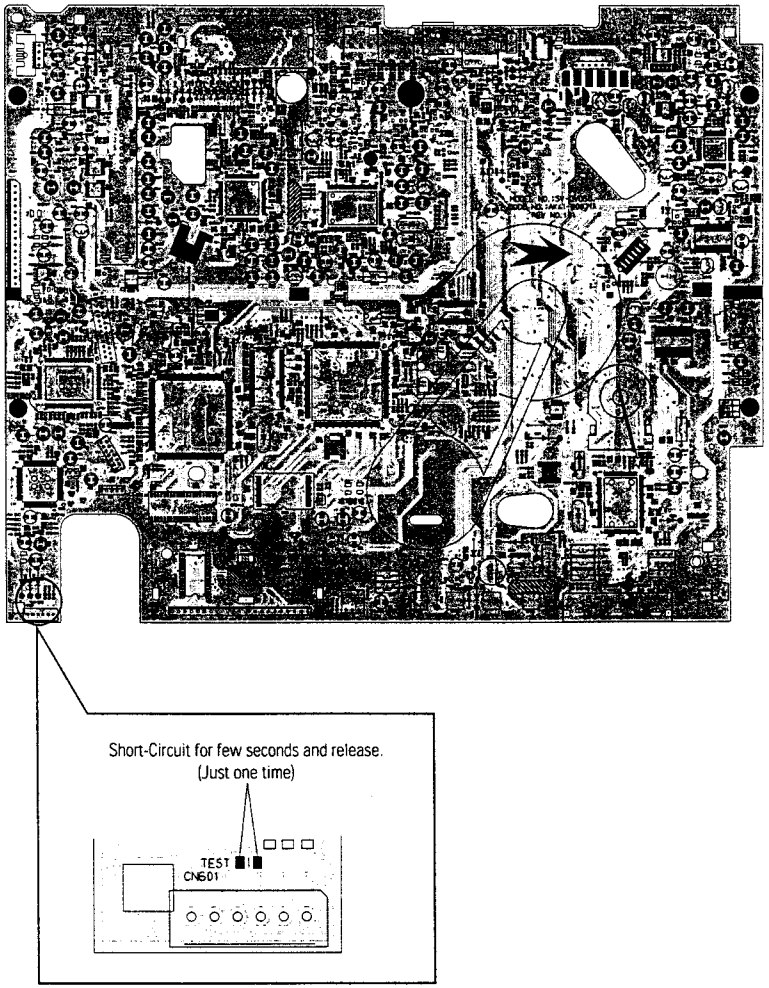


Fig. 2-2 Main PCB (Top View)

2-1-2 Head Switching Point Adjustment

1) Playback the alignment tape.
2) Intermittently short-circuit the two Test Points on Main PCB while setting the adjustment mode. (See Fig. 2-2)
3) Press the "1, 0" buttons; remote control adjustment operates automatically. (See Fig. 2-1)

2-1-3 NVRAM Option Setting

1) NVRAM Option is adjusted in the factory.
2) In case Main PCB Micom (IC601) and NVRAM (IC605 ; EEPROM) are replaced, be sure to set the corresponding option number of the required model. (If the option is not set, the unit will operate.)

1) Intermittently short-circuit the two Test Points on Main PCB. (See Fig. 2-2)
2) Press the "1, 4" buttons on the remote control. The option setting is appears. (See Fig. 2-3)
3) Select the option number (See table 2-1) of corresponding model with "◀, ▶, ▲, ▼" buttons on the remote control.
4) After selecting the option number is completed, press the "▲" button of remote control.
   (If "▲" button is pressed, the selected number is changescolor. ; See Fig. 2-4)
5) Press the "ENTER" button of remote control again to store the option number.
6) Turn the Power off.

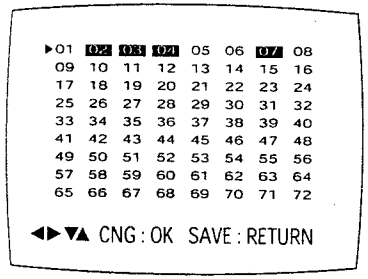


Fig. 2-3

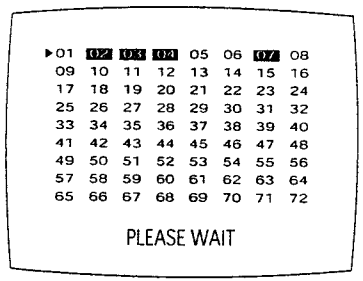


Fig. 2-4

<Table 2-1 NVRAM Option Table>

MODELS	OPTION NUMBERS
SV-DVD55/XEF	2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 21, 26, 32, 33, 34, 35, 36, 38, 40, 45, 47, 61, 63, 65, 69
SV-DVD55/XEU	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 27, 32, 34, 38, 40, 41, 45, 47, 61, 63, 65, 69
SV-DVD55/XEUI	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 25, 26, 32, 34, 38, 40, 43, 45, 47, 61, 63, 65, 69
SV-DVD55/XEG, XET	2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15, 32, 34, 36, 38, 40, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD55/XEC, XEE, XEN	2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 32, 34, 36, 38, 40, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD55/XEB	2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 21, 26, 32, 33, 34, 35, 36, 38, 40, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD55/EUR, XEO	2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 32, 33, 34, 36, 38, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD55/XEV	2, 6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 21, 32, 33, 34, 36, 37, 39, 42, 45, 47, 54, 61, 63, 65, 69, 70
SV-DVD40/XEF	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 21, 26, 33, 34, 35, 36, 38, 40, 45, 47, 61, 63, 65, 69
SV-DVD40/XEU	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 27, 34, 38, 40, 41, 45, 47, 61, 63, 65, 69
SV-DVD40/XEUI	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 25, 26, 34, 38, 40, 43, 45, 47, 61, 63, 65, 69
SV-DVD40/XEG, XET	4, 5, 6, 7, 9, 10, 11, 12, 13, 15, 34, 36, 38, 40, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD40/XEC, XEE, XEN	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 34, 36, 38, 40, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD40/XEB	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 21, 26, 33, 34, 35, 36, 38, 40, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD40/EUR, XEO	4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 33, 34, 36, 38, 42, 45, 47, 61, 63, 65, 69, 72
SV-DVD40/XEV	6, 7, 8, 9, 10, 11, 12, 13, 15, 20, 21, 33, 34, 36, 37, 39, 42, 45, 47, 54, 61, 63, 65, 69, 70

2-2 DVD Adjustment

2-2-1 Location of Test Point

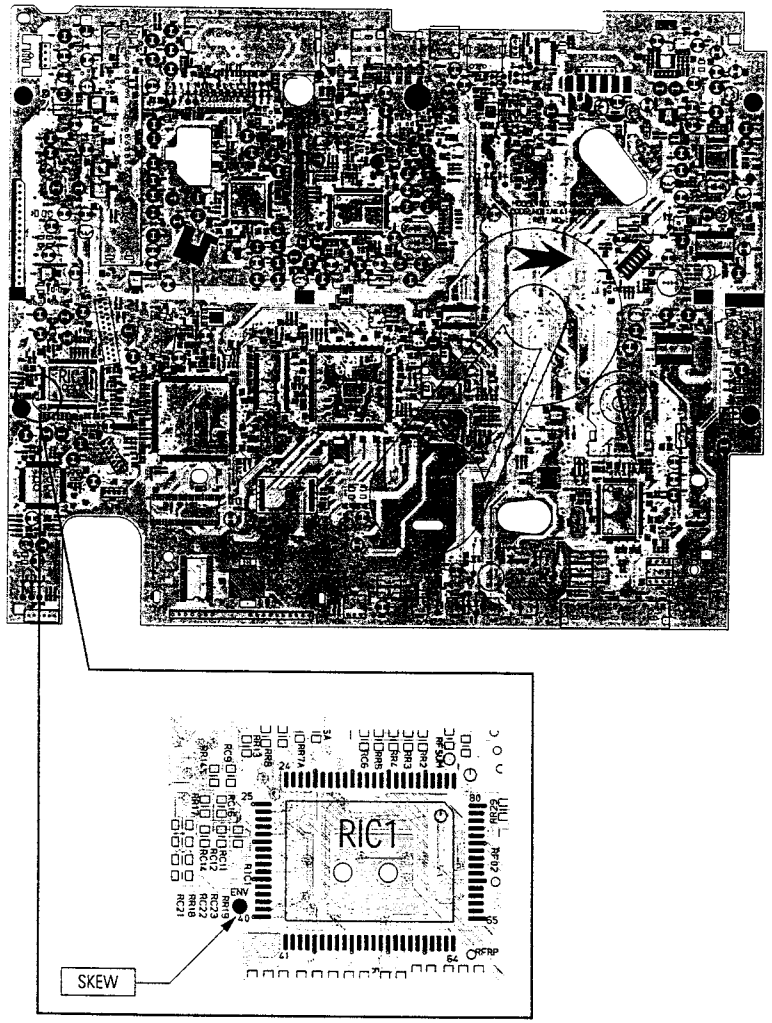


Fig. 2-5 Location of test Point (Main PCB - Top Side)

2-2-2 Skew Adjustment

2-2-2(a) Adjustment Spec. and Test Point

<Table 2-2> ◆ Test Disc ; Service not Available

Test Disc	Adjustment Spec.	Test Point	Adjustment Location
TDV-533 Chapter 14	Flat Waveform	"ENV" (DVD Main PCB - Top Side) (See Fig. 2-5)	Ass'y Deck - Top Side (See Fig. 2-6)

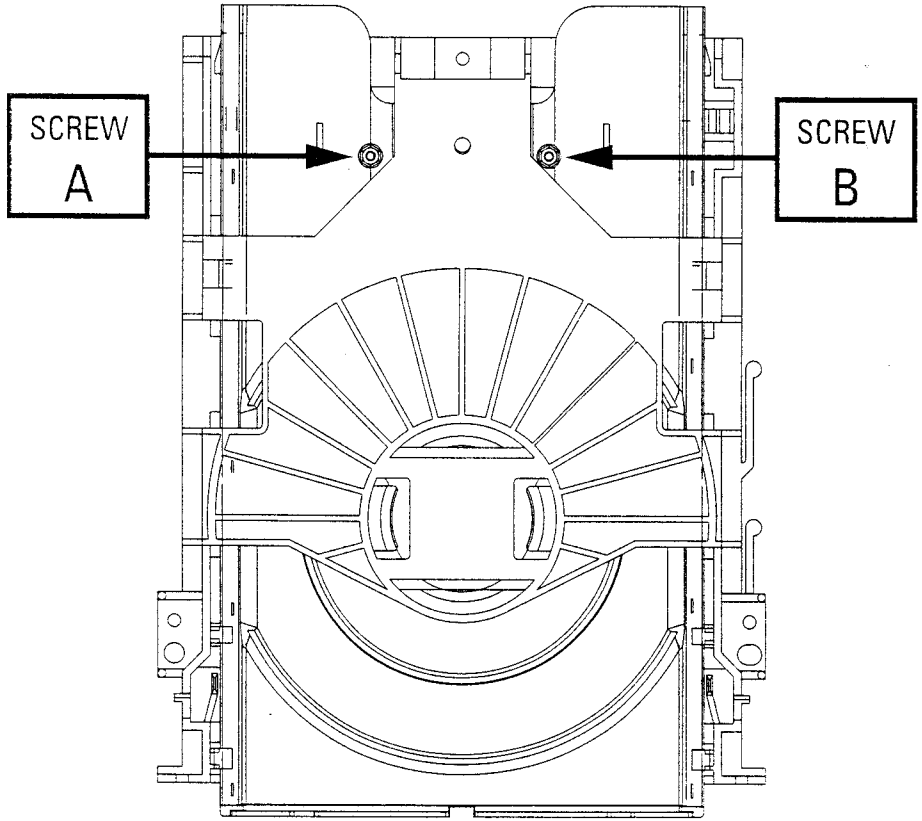


Fig. 2-6 Ass'y Deck (Top Side)

2-2-2(b) SKEW Adjustment Method

Needed to minimize the variations in Skew of the Pickup unit and to provide optimum match with the recorded signal on the Disc.

1) Connect an Oscilloscope to the "ENV" Test Point (See Fig. 2-5).
2) Connect Power, Open the Tray and Play the TDV-533 Disc, Chapter 14.
   ◆ Set the Oscilloscope Range as follows :
   (Voltage ; 50mV/Div., Frequency ; 10m Sec.)
3) Adjust the Screws "A" and "B" (See Fig. 2-6) using a Hex screwdriver until you obtain a Flat Waveform and the picture is stable.
   Then, go to Chapter 1 and make sure the Waveform is Flat here as well.
   If not, you have to go back to Chapter 14 and adjust again.
   If you cannot obtain a Flat waveform, then the unit is defective.

Note : The Deck must be in a horizontal position. Use both "A" and "B" screws to adjust.

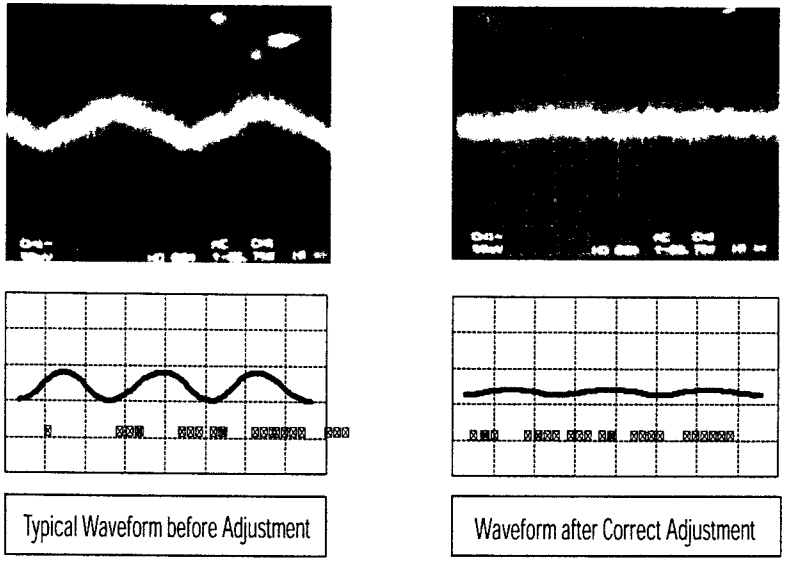


Fig. 2-7 Envelope Waveform

2-3 VCR Mechanical Adjustment

2-3-1 Tape Transport System and Adjustment Locations

The tape transport system has been adjusted precisely in the factory. Alignment is not necessary except for the following :
1) Noise observed on the screen.
2) Tape damage.
3) Parts replacement in the tape transport system.

Lower flange height of tape guide is used as the reference for the transport adjustment.
To maintain the height of the tape guide and prevent damage, do not apply excessive force onto the main base.

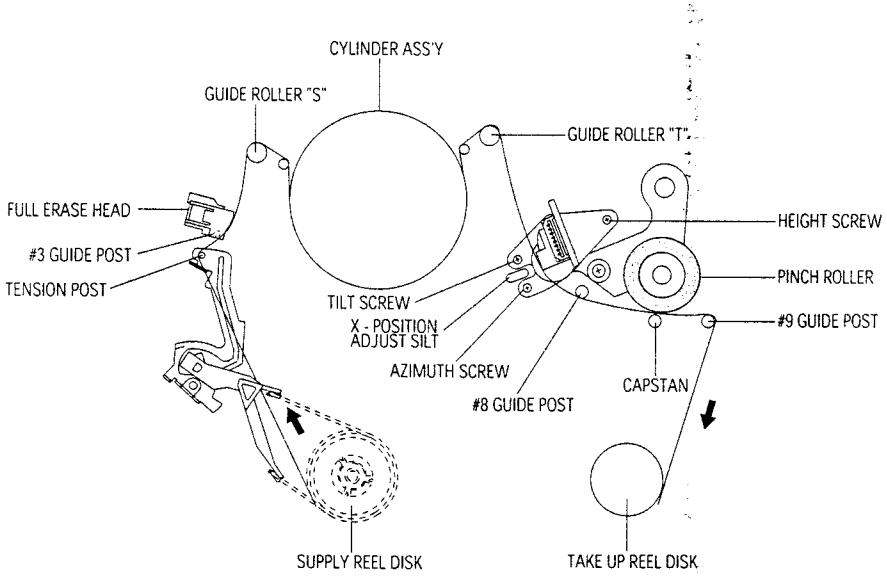


Fig. 2-8 Location of Tape Transport Adjustment

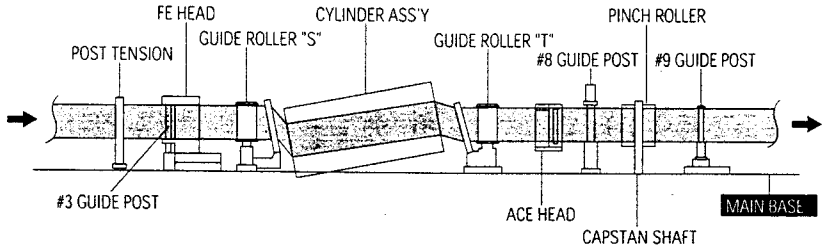


Fig. 2-9 Tape Travel Diagram

2-3-2 Tape Transport System Adjustment

When parts are replaced, perform the required adjustments by referring to procedures for the tape transport system. If there are any changes to the tape path, first run a T-120 tape and make sure excessive tape wrinkle does not occur at the tape guides.

- If tape wrinkle is observed at the guide roller S, T, turn the guide roller S, T until wrinkle disappears.
- If the tape wrinkle is still observed at the tape guide, perform the tilt adjustment of the ACE head.

(1) ACE Head Assembly Adjustment

a. ACE HEAD HEIGHT ADJUSTMENT

1) Run the alignment tape (Color bar) in the playback mode.
2) Observe surface of the audio head using a dental mirror.
3) Turn screw (C) clockwise or counterclockwise until the gap of lower tape edge and the lower edge of the control head is about 0.25mm. (Refer to Fig. 2-10 and 2-11)

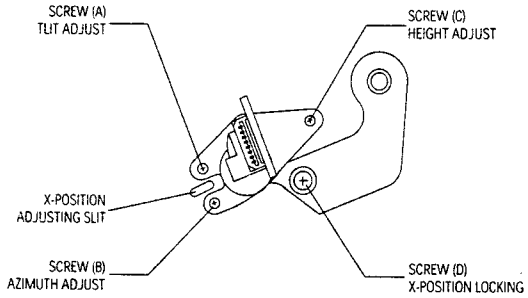


Fig. 2-10 Location of ACE Head Adjustment Screw

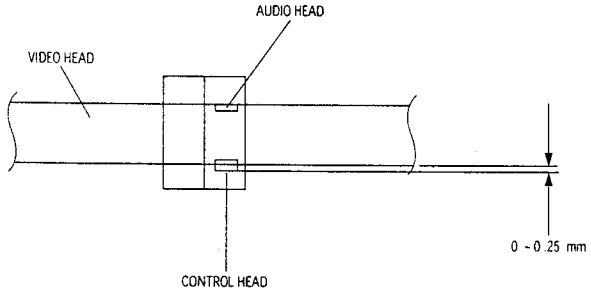


Fig. 2-11 ACE Head Height Adjustment

b. ACE HEAD TILT ADJUSTMENT

1) Playback a blank tape and observe the position of the tape at the lower flange of tape guide.
2) Confirm that there is no curl or wrinkle at the lower flange of tape guide as shown in Fig. 2-12 (B).
3) If a curl or wrinkle of the tape occurs, slightly turn the screw (A) tilt adjust on the ACE head ass'y.
4) Reconfirm the ACE head height.

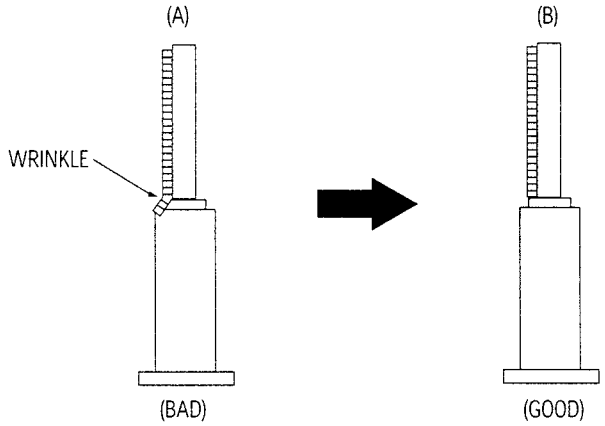


Fig. 2-12 Tape Guide Check

c. AUDIO AZIMUTH ADJUSTMENT

1) Load alignment tape (Mono scope) and playback the 7KHz signal.
2) Connect channel-1 scope probe to audio output.
3) Adjust screw (B) to achieve maximum audio level. (See Fig. 2-10)

d. ACE HEAD POSITION (X-POINT) ADJUSTMENT

1) Playback the alignment tape (Color bar)
2) Intermittently short-circuit the two Test Points on Main PCB. (See Fig. 2-2)
3) Press the "0, 5" remote control buttons, then adjustment is operates automatically. (See Fig. 2-1)
4) Connect the CH-1 probe to "Envelope" the CH-2 probe to "H'D switching pulse" and then trigger to CH-1.
5) Insert the (-) driver into the X-Point adjustment hole and adjust it so that envelope waveform is maximum.

Test point : TP2 (Audio Output)
TP3 (Envelope)
TP4 (H'D S/W -Trigger)
TP5 (Control Pulse)

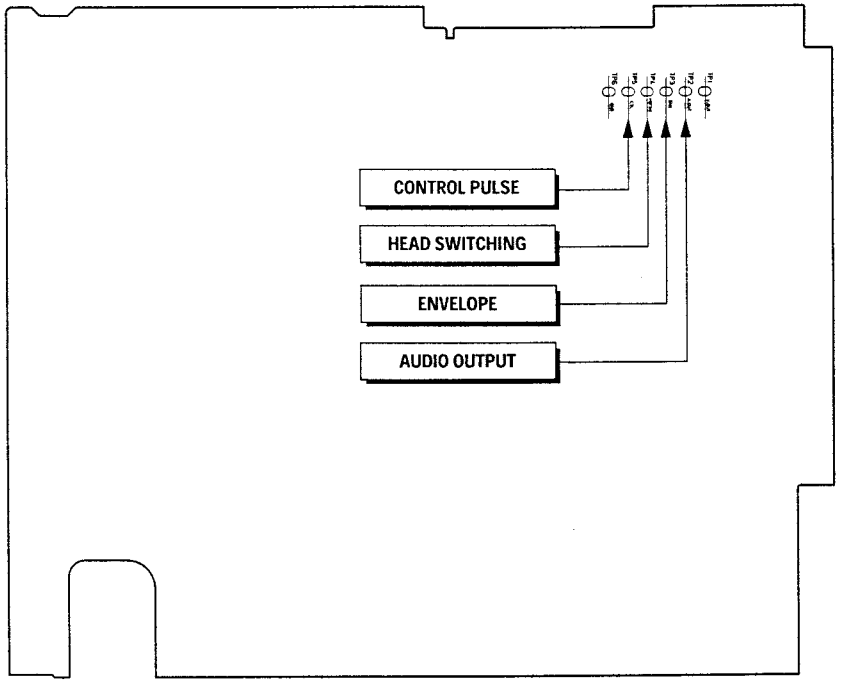


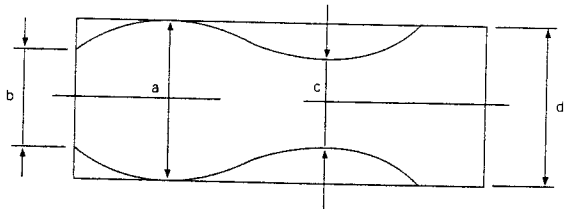
Fig. 2-13 Location of Test point (Main PCB-Top View)

(2) Linearity adjustment (Guide roller S, T adjustment)

1) Playback the Mono Scope alignment tape (SP mode).
2) Observe the video envelope signal on an oscilloscope (triggered by the video switching pulse).
3) Make sure the video envelope waveform (at its minimum) meets the specification shown in Fig. 2-14.
   If it does not, adjust as follows :

Note :
a=Maximum output of the video RF envelope.
b=Minimum output of the video RF envelope at the entrance side.
c=Minimum output of the video RF envelope at the center point.
d=Maximum output of the video RF envelope at the exit side.

4) If the section A in Fig. 2-15 does not meet the specification, adjust the guide roller S up or down.
5) If the section B in Fig. 2-15 does not meet the specification, adjust the guide roller T up or down.



a b c d

c,b,d/a ≧ 63%

Fig. 2-14 Envelope Waveform Adjustment

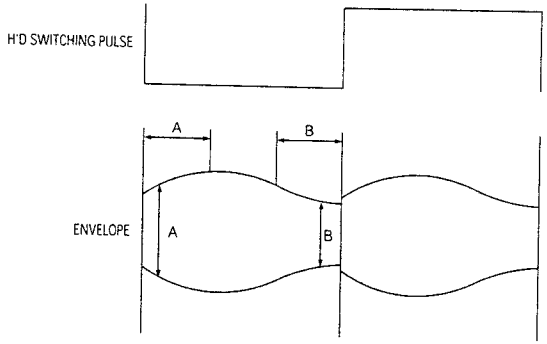


Fig. 2-15 Adjustment Points

6) Play back the Mono Scope alignment tape (SP mode).
7) Connect an oscilloscope CH-1 to the "Envelope" and CH-2 to the "H'D SW Pulse" for triggering.
8) Turn the guide roller heads with a flat head (▬) driver to obtain a flat video RF envelope as shown in Fig. 2-16.

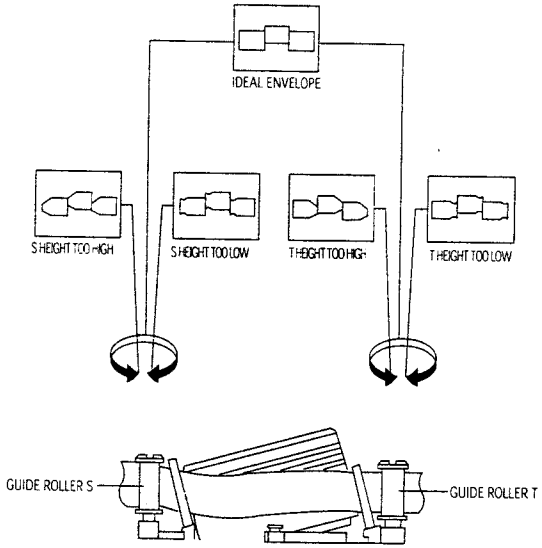


Fig. 2-16 Guide Roller S, T Height Adjustment

(3) Check Transitional Operation from RPS to Play

Check transition from RPS mode to play mode : Using a pre-recorded SP tape, make sure the entry side of envelope comes to an appropriate steady state within 3 seconds (as shown in Fig. 2-17).
If the envelope waveform does not reach specified peak-to peak amplitude within 3 seconds, adjust as follows :

1) Make sure there is no gap between the supply roller lower flange and the tape.
   If there is a gap, adjust the supply guide roller again.
2) Change operation mode from the RPS to the play mode (again) and make sure the entry side of envelope rises within 3 second.

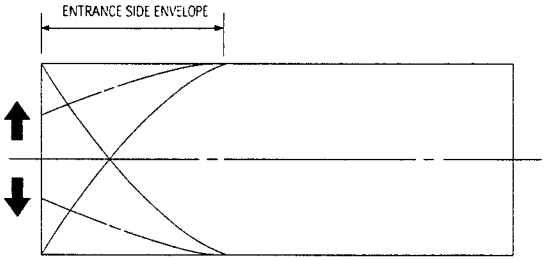


Fig. 2-17 Video Envelope Rising when Operation mode Changes from RPS to Play Mode

(4) Envelope Check

1) Make recordings on T-120 (E-120) and T-160 (E-180) tape.
   Make sure the playback output envelope meets the specification as shown in Fig. 2-18.
2) Play back a self recorded tape (recording made on the unit using with T-120 (E-120).
   The video envelope should meet the specification as shown in Fig. 2-18.
   In SP mode, (A) should equal (B).
   If the head gap is wide, upper cylinder should be checked.

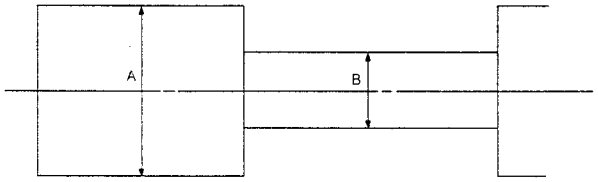


Fig. 2-18 Envelope Input and Output Level

(5) Tape Wrinkle Check

1) Run the T-160 (E-180) tape in the playback, FPS, RPS and Pause modes and observe tape wrinkle at each guide.
2) If excessive tape wrinkle is observed, perform the following adjustments in Playback mode :

- Tape wrinkle at the guide roller S, T section : Linearity adjustment.
- Tape wrinkle at tape guide flange : ACE head assembly coarse adjustment.

2-3-3 Reel Torque

1) The rotation of the capstan motor causes the holder clutch ass'y to rotate through the belt pulley.
2) The spring wrap PLAY/REV of holder clutch ass'y drives the disk reel S, T through gear idler by rotation of gear center ass'y.
3) Brake is operated by slider cam at FF/REW mode.
4) Transportation of accurate driving force is done by gears. (Gear Center Ass'y)

Note : If the spec. does not meet the followings specifications, replace the holder clutch ass'y and then recheck.

<Table 2-4>

MODE	TORQUE g/cm	GAUGE
PB	42 ± 11	Cassette Torquemeter
RPS	145 ± 30	Cassette Torquemeter

3. Exploded View and Parts List

3-1 Cabinet Assembly ---------- 3-2

3-2 VCR Mechanical Parts (Top Side) ---------- 3-4

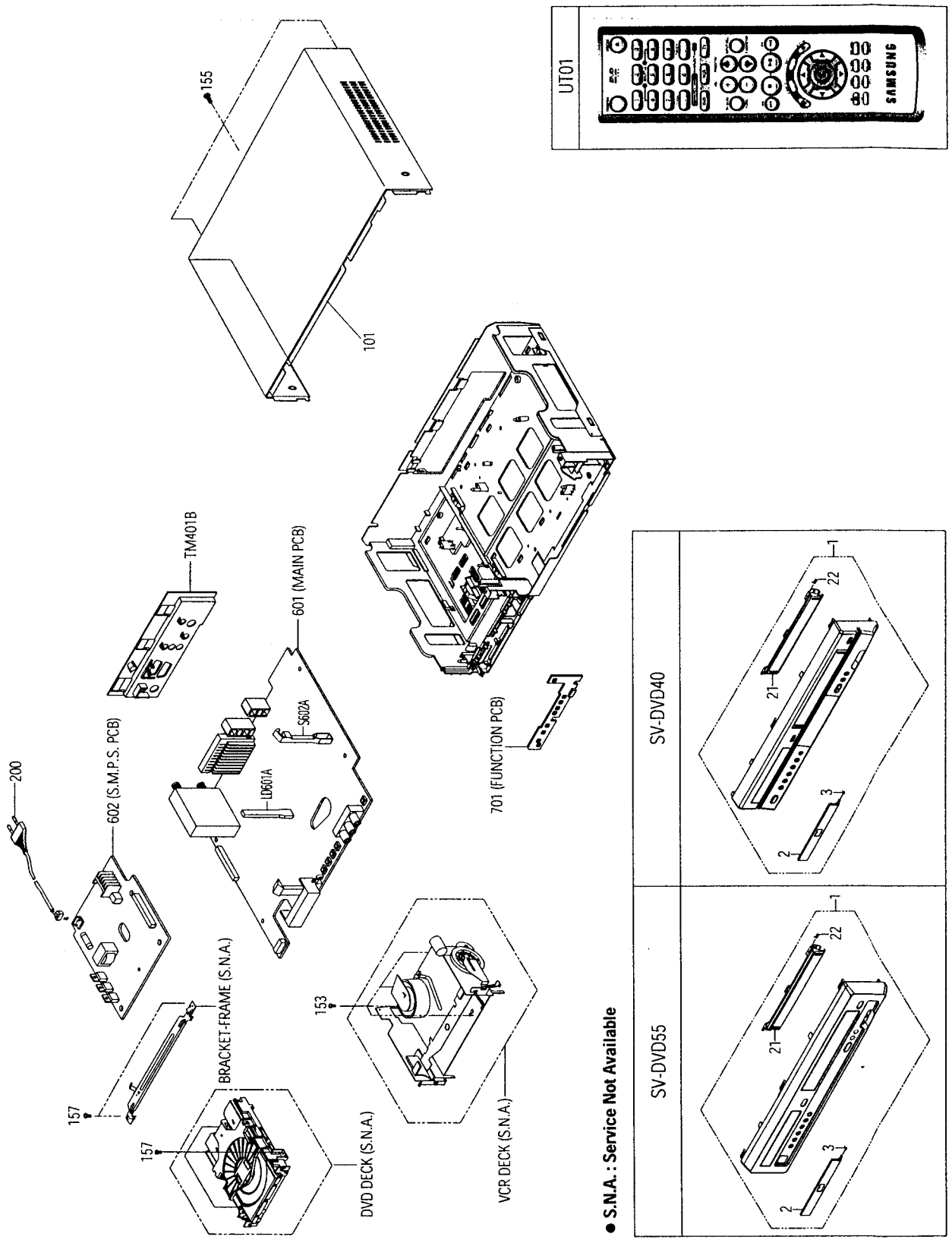
3-3 VCR Mechanical Parts (Bottom Side) ---------- 3-6

3-4 DVD Mechanical Parts ---------- 3-8

Notice

You can search for the updated part code through ITSELF web site.
URL; http://itself.sec.samsung.co.kr

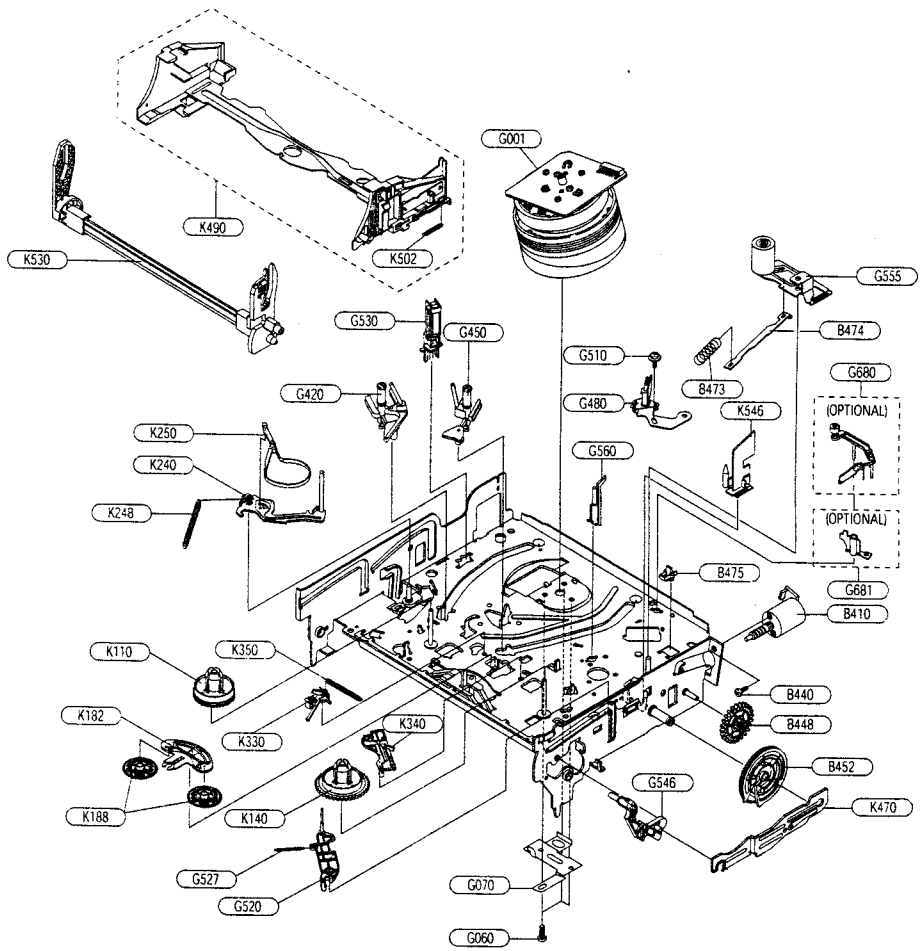
3-1 Cabinet Assembly



Loc. No	Parts No.	Description ; Specification	Remark
1	**Refer to table below**	ASSY-PANEL FRONT	
2	**Refer to table below**	DOOR-TRAY	
3	AK64-00334A	DOOR-SPRING;DVD-V3500,SWPB,,,,-,,	
21	**Refer to table below**	DOOR-CASSETTE	
22	AC61-62032A	SPRING ETC-MASK;SV-C130,SUS,4.4,-,-,-,-,	
101	AK64-00177B	CABINET-TOP;SV-DVD50,PCM,T0.5,-,-,-,SILV	
153	AC60-12126A	SCREW-BH;-,-,FE,FZY,BH,-,-,4*12,-,-	
155	6003-000275	SCREW-TAPTITE;BH,+,B,M3,L10,BLK ,SWCH101	
157	AC60-10063A	SCREW-TAPTITE;-,-,L12,ZPC3,+,-,M3,-,SWRC	
200	**Refer to table below**	CBF POWER CORD	
601	**Refer to table below**	ASSY-VCR;-,COMBO4,PV14	
602	AC92-01318A	ASSY PCB-SMPS;COMBO4,SMPS PCB ASS'Y	
701	**Refer to table below**	ASSY SORT-FUNCTION	
LD601A	AC61-21009A	HOLDER-LED;X-9,POM(M90-44),-,-,-,BLK,-	
S602A	AC61-00229A	HOLDER-SENSOR;SCORPIO2,POM,-,-,-,BLACK,-	
TM401B	**Refer to table below**	ASSY-CON BOARD	
UT01	**Refer to table below**	REMOCON	

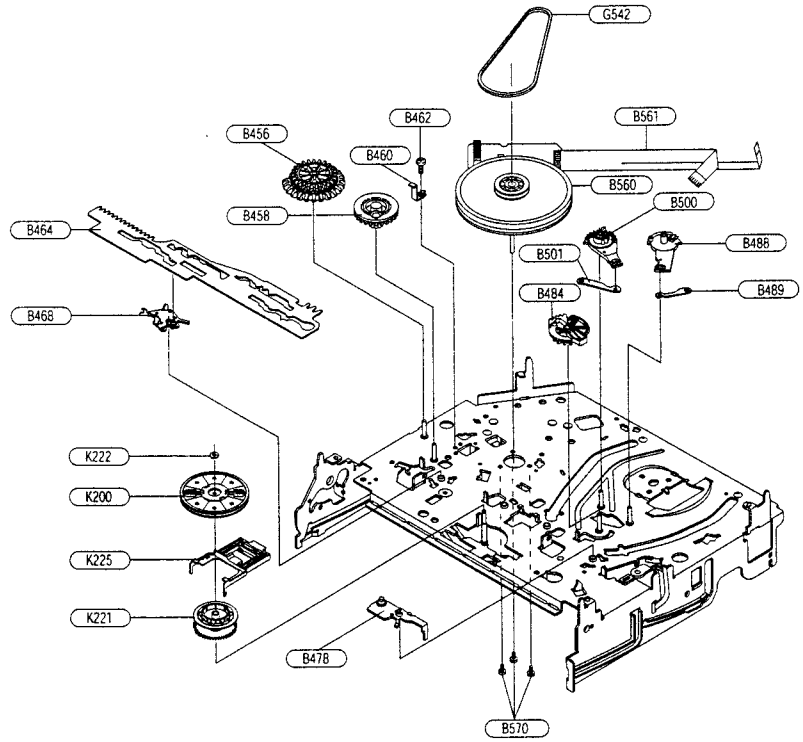
MODELS	1	2	21	200	601	701	TM401B	UT01
SV-DVD55/XEF	AK97-00419A	AK64-00257A	AK64-00258A	AC39-10019A	AK97-00323A	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEU	AK97-00419B	AK64-00257A	AK64-00258B	AC39-12022K	AK92-00199C	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEUI	AK97-00419B	AK64-00257A	AK64-00258B	AC39-12022K	AK92-00199H	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEG	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199A	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XET	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199A	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEC	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199H	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEE	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199H	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEN	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199H	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEB	AK97-00419A	AK64-00257A	AK64-00258A	AC39-10019A	AK97-00323A	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/EUR	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199K	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEO	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199K	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD55/XEV	AK97-00419B	AK64-00257A	AK64-00258B	AC39-10019A	AK92-00199N	AC94-00196A	AK97-00463A	AK59-00008E
SV-DVD40/XEF	AK97-00358E	AK64-00190A	AK64-00189E	AC39-10019A	AK92-00199E	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEU	AK97-00358B	AK64-00190A	AK64-00189B	AC39-12022K	AK92-00199F	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEUI	AK97-00358B	AK64-00190A	AK64-00189B	AC39-12022K	AK92-00199J	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEG	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199G	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XET	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199G	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEC	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199J	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEE	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199J	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEN	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199J	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEB	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199E	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/EUR	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199L	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEO	AK97-00358B	AK64-00190A	AK64-00189B	AC39-10019A	AK92-00199L	AC94-00174A	AK97-00463B	AK59-00008D
SV-DVD40/XEV	AK97-00358E	AK64-00190A	AK64-00189E	AC39-10019A	AK92-00199M	AC94-00174A	AK97-00463B	AK59-00008D

3-2 VCR Mechanical Parts (Top Side)



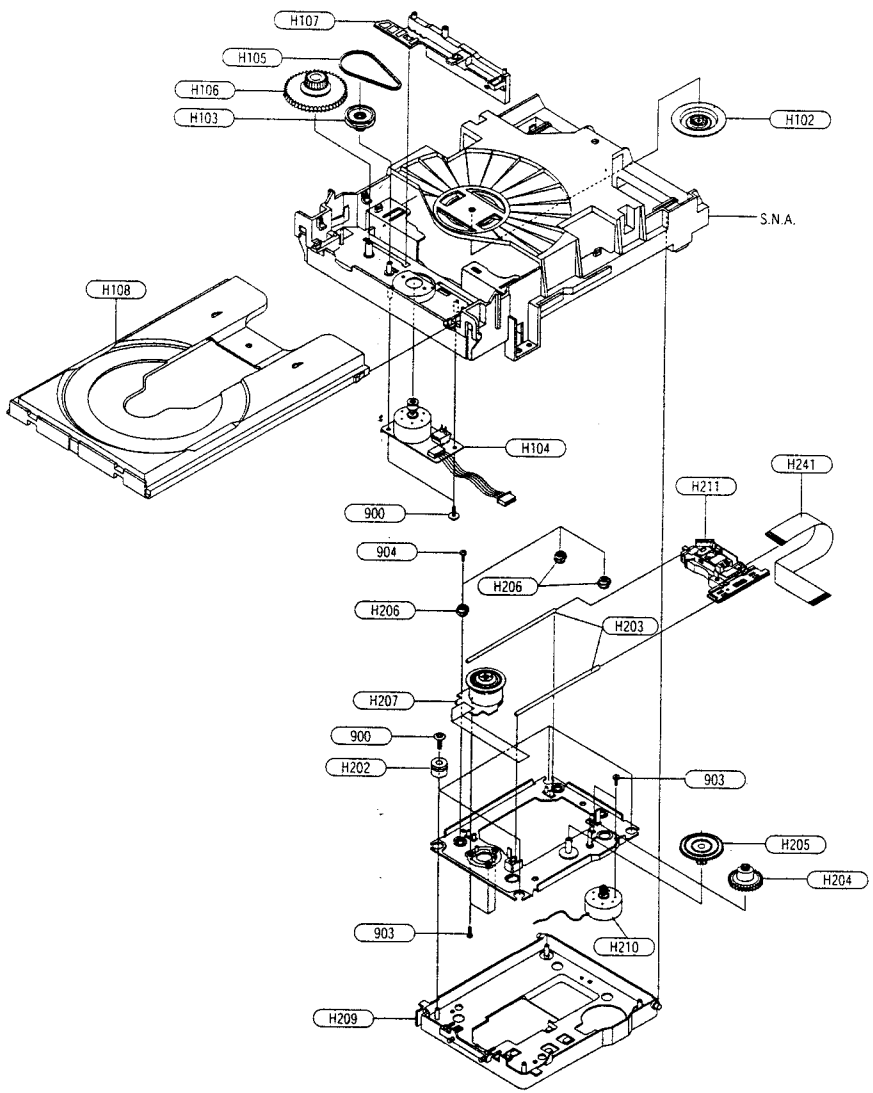
Loc. No	Parts No.	Description ; Specification	Remark
B410	AC31-00018A	MOTOR-LOADING ASSY;-,SCORPIO2(TS-10A),-,	
B440	AC60-10515A	SCREW-MACHINE;-,-,M3,L3,PH,+,-,-,ZPC,-	
B448	AC66-00008A	GEAR-WORM WHEEL;TS-10,POM,0.8,40,-,NAT,3	
B452	AC66-00011A	GEAR-FL CAM;TS-10,POM,0.8,59,-,BLK,48.48	
B473	AC61-00105A	SPRING ETC-PINCH DRIVE;TS-10,SUS304-WPB,	
B474	AC61-30180A	PLATE-JOINT;X-9,SECC20/20,T0.8,-,-,-,-	
B475	AC47-00002A	DAMPER-CAPSTAN;TS-10,POM,-,-,BLACK	
G001	AC97-02040A	ASSY-CYLINDER;SECAM,6H'D,CTS9-SEM(6S),S	
G060	6006-001092	SCREW-ASS'Y MACH;WS,PH,+,M3.0,L6.0,ZPC(Y	
G070	AC61-00161A	PLATE-GROUND DECK;TS-10,SPTE,T0.3,-,-,-,	
G420	AC66-80142A	SLIDER-SUPPLY ASSY;X-9,X-9(TS),-,-,-,-,-	
G450	AC66-80141A	SLIDER-TAKE UP ASSY;X-9,X-9(TS),-,-,-,-,	
G480	AC97-01660A	ASSY-HEAD ACE;-,SCORPIO2(TS-10A),VCT-1*2	
G510	6006-001075	SCREW-ASS'Y TAP;WSP,PH,+,M2.6,L5.0,ZPC	
G520	AC66-00033A	LEVER-#9 GUIDE ASS'Y;TS-10,-,-,-,-,-,-,-	
G527	AC61-60553A	SPRING ETC-GUIDE 9;X-9,SUS304-WPB,0.25,-	
G530	AC33-00007A	HEAD-FE;-,-,HVFHP0043A,-,-	
G546	AC66-00005A	LEVER-FL DOOR;TS-10,POM,-,-,-,-,NAT,-	
G555	AC66-00032A	LEVER-UNIT PINCH ASS'Y;TS-10,-,-,-,-,-,-	
G560	AC61-00122A	POST-#8 GUIDE ASS'Y;TS-10,POM+SUS 303,-,	
K110	AC66-10267A	REEL-DISK S;X-9,POM,-,-,-,-,-,-	
K140	AC66-10268A	REEL-DISK T;X-9,POM,-,-,-,-,-,-	
K182	AC66-30524A	LEVER-IDLER;-,POM,-,-,-,-,-,-	
K188	AC66-00039A	GEAR-IDLE;TS-10,PET K3372,0.5,-,-,NTR,28	
K240	AC66-00035A	LEVER-TENSION ASS'Y;TS-10,SECC E20/20+SU	
K248	AC61-00107A	SPRING ETC-TENSION LEVER;TS-10,SUS304-WP	
K250	AC69-00104A	BAND-BRAKE ASS'Y;TS-10,-,-,-,-,-,-	
K330	AC66-30550A	LEVER-S.BRAKE ASSY;-,POM+SUS,-,-,-,X-9	
K340	AC66-30549A	LEVER-T.BRAKE ASSY;-,POM+SUS,-,-,-,X-9	
K350	AC61-00106A	SPRING ETC-BRAKE;TS-10,SUS304-WPB,-,-,-,	
K470	AC66-00020A	SLIDER-FL DRIVE;TS-10,SECC E20/20,1.0,-,	
K490	AC61-00120A	HOLDER-FL CASS. ASS'Y;TS-10,-,-,-,-,-,-	
K502	AC61-60561A	SPRING ETC-FL.LEVER-LR;X-9,SUS304 WPB,OD	
K530	AC66-00034A	LEVER-FL ARM ASS'Y;TS-10,-,-,-,-,-,-,-	
K546	AC61-50658A	GUIDE-CASS. DOOR;X-9,POM,-,-,-,NTR	

3-3 VCR Mechanical Parts (Bottom Side)



Loc. No	Parts No.	Description ; Specification	Remark
B456	AC66-00009A	GEAR-JOINT 1;TS-10,POM,1.5,17.5(22),-,NA	
B458	AC66-00012A	GEAR-JOINT 2;TS-10,POM,1.0,23,-,BLK,24.6	
B460	AC61-00090A	BRACKET-GEAR;TS-10,SECC E20/20,0.8,-,-,-	
B462	AC60-10517A	SCREW-TAP TITE;-,-,M2.6,L5,PH,+,-,-,ZPC,	
B464	AC66-00019A	SLIDER-CAM;TS-10,SECC E20/20,1.2,-,-,-,-	
B468	AC66-00017A	LEVER-PINCH DRIVE;TS-10,SECC E20/20,1.0	
B478	AC66-00016A	LEVER-TENSION DRIVE;TS-10,SECC E20/20,1	
B484	AC66-00030A	GEAR-LOADING DR. ASS'Y;TS-10,POM+SWPB,-,	
B488	AC66-00023A	LEVER-S LOADING;TS-10,POM,-,-,-,-,NAT,-	
B489	AC66-00021A	LINK-LOADING S;TS-10,SECC E20/20,0.8,-,-	
B500	AC66-00024A	LEVER-T LOADING;TS-10,POM,-,-,-,-,NAT,-	
B501	AC66-00022A	LINK-LOADING T;TS-10,SECC E20/20,0.8,-,-	
B560	AC31-00022A	MOTOR BLOWER-CAPSTAN;DMVCMC10A, F2QVB35	
B561	3809-001429	CABLE-FLAT;30V,80C,140MM,10P,1.25MM,UL28	
B570	AC60-10514A	SCREW-CAPSTAN;-,-,M2.6,L6,PH,+,-,-,-,-	
G542	AC66-60051A	BELT-PULLEY;-,5CM-70,2 * 2,-,71.3,-,X-9	
K200	AC61-21012A	HOLDER-CLUTCH ASSY;X-9,-,-,-,-,-,-	
K221	AC66-20581A	GEAR-CENTER ASSY;-,POM,M=0.5,-,HIGHT T.,	
K222	AC60-30306A	FASTENER-WASHER SLIT;-,-,ID2.1,OD5.0,T0.	
K225	AC66-00006A	LEVER-UP DOWN;TS-10,POM,-,-,-,-,NAT,-	

3-4 DVD Mechanical Parts



Loc. No	Parts No.	Description ; Specification	Remark
900	6003-001157	SCREW-TAPTITE;PWH,+,B,M2,L6,ZPC(YEL),SWR	
903	6001-001370	SCREW-MACHINE;CH,+,M1.7,L3.0,ZPC(YEL),SW	
904	6002-001086	SCREW-TAPPING;PH,+,B,M1.7,L5.0,ZPC(YEL),	
H102	AH66-00111B	CLAMPER-ASSY;DP-5,POM+MAGNET,-,-,-,-,-,-	
H103	AK66-00007A	PULLEY-GEAR;DP-9,POM ,-,-,-,-,-,-	
H104	AK31-00003A	MOTOR-LOAD ASSY;SM-2412L2,DP-9,-,-,-,-,-	
H105	6602-001076	BELT-RECTANGULAR;CR,T1.2,4.3%,1.2X25.1,B	
H106	AK66-00008A	GEAR-TRAY;DP-9,POM,-,-,-,-,-,-	
H107	AK66-00009A	SLIDER-HOUSING;DP-9,POM,-,-,-,-,-	
H108	AK63-00008B	TRAY-DISC;DP-9,ABS,-,-,-,-,BLK,DP-9	
H202	AK73-00005A	RUBBER-INSULATOR;DP-9,BUTYL RUBBER,-,-,-	
H203	AH61-50327A	SHAFT-P/U;DP-3,SUS420J2,L84.7,OD3,-,-,-	
H204	AK66-00010A	GEAR-FEED A;DP-9,POM ,-,-,-,-,-,-,-	
H205	AK66-00011A	GEAR-FEED B;DP-9,POM ,-,-,-,-,-,-,-	
H206	AK61-00032A	HOLDER-CAM SKEW;DP-9,POM,-,-,-,BLACK,-	
H207	AK31-00004A	MOTOR SPINDLE;RSM-2606A1,DP-9,350MA,-,-,	
H209	AK64-00052A	CHASSIS-SUB;DP-9,ABS(SR-0320),0,0,0,-,-	
H210	AK31-00005A	MOTOR-FEED ASSY;-,DP-9,-,-,-,-,-,-,-,-,-	
H211	AK97-00166B	ASSY-PICK UP;-,SOH-DSSB,SEM,W/T	
H241	3809-001409	CABLE-FLAT;30V,80C,230MM,24P,1MM,UL2896	

MEMO

4. Electrical Parts List

Loc.No	Part No	Description ; Specification	Remark
BPT		ASSY-VCR;-,COMBO4,PV14	
AC18	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
AC19	2203-005148	C CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
AC20	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
AC21	2203-000315	C-CERAMIC,CHIP:0.12NF,5%,50V,COG,TP,1608	
AC22	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
AC23	2203-000125	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,1608	
AC24	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
AC25	2203-000315	C-CERAMIC,CHIP:0.12NF,5%,50V,COG,TP,1608	
AC26	2203-000125	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,1608	
AC27	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
AE10	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
AE11	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11.5	
AE12	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
AE13	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11.5	
AE14	2401-001370	C-AL:470uF,20%,16V,GP,TP,8x11.5.5	
AE8	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
AE9	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
AIC2	1002-001294	IC-D/A CONVERTER,PCM1742KE,24BIT,TSSOP,1	
AIC4	1291-000163	IC-OP AMP;4560,SOP8P,173MIL,DUAL,100V/m	
AL1	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
AL2	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
AR15	2007-000075	R-CHIP:220ohm,5%,1/10W,TP,1608	
AR29	2007-000075	R-CHIP:220ohm,5%,1/10W,TP,1608	
AR41	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608	
AR42	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
AR43	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608	
AR44	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	
AR45	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	
AR46	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608	
AR47	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
AR48	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608	
AR49	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	
AR50	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	
BD601	3301-000297	CORE-FERRITE BEAD;AA,3.6x1.2x5.7mm,1400,	
BD602	3301-000297	CORE-FERRITE BEAD;AA,3.6x1.2x5.7mm,1400,	
BD603	3301-000297	CORE-FERRITE BEAD;AA,3.6x1.2x5.7mm,1400,	
BD801	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD802	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD803	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD810	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD811	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD812	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD813	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD814	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
BD815	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
C315	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C317	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C318	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C319	2203-000843	C-CERAMIC,CHIP;39nF,10%,25V,X7R,TP,1608,	
C320	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C321	2203-002398	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP,1608	
C322	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C324	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C325	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C326	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C327	2203-001211	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,1608	
C328	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C329	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C330	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C331	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C332	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C333	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C334	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C335	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP	
C336	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C337	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP	
C338	2203-002398	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP,1608	
C339	2401-000407	C-AL:10uF,20%,16V,GP,TP,3.5x5.2.5	
C340	2401-001226	C-AL:4.7uF,20%,16V,BP,TP,4x7.5mm	
C341	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C342	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C343	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C344	2203-000315	C-CERAMIC,CHIP:0.12NF,5%,50V,COG,TP,1608	
C345	2203-001607	C-CERAMIC,CHIP:0.22nF,5%,50V,NP0,TP,1608	
C347	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
C348	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C349	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C350	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C351	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C352	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C353	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C354	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C355	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C372	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C380	2203-002398	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP,1608	
C384	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C385	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
C393	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C395	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C396	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
C3A01	2401-003122	C-AL:4.7uF,20%,50V,LL,TP,4X7,1.5	
C3A02	2401-000922	C-AL:22uF,20%,16V,GP,TP,5x5.5	
C3A08	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C3A09	2203-001103	C-CERAMIC,CHIP:6.8nF,10%,50V,X7R,TP,1608	
C3A10	2203-001211	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,1608	
C3A11	2301-000174	C-FILM,PEF;15nF,5%,100V,TP,7.2x4.0x7.5mm	
C3A12	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C3A14	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C3A15	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C3A16	2401-003122	C-AL:4.7uF,20%,50V,LL,TP,4X7,1.5	
C3A17	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C3A18	2203-0011126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP,160	
C3A21	2203-001554	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,1608	
C3A23	2401-002069	C-AL:33uF,20%,16V,GP,TP,6.3x6.5	
C3A24	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C3A29	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C3A30	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C3A40	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C3A41	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C301	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C302	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,COG,TP,160	
C303	2203-001086	C-CERAMIC,CHIP;0.005nF,0.25pF,50V,NP0,TP	
C304	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C3S01	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C3S02	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C3S03	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C3S04	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C3S05	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C3S06	2401-001775	C-AL:470nF,20%,50V,GP,TP,4x7.5	
C3S08	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C3S09	2401-001775	C-AL:470nF,20%,50V,GP,TP,4x7.5	

Loc.No	Part No	Description ; Specification	Remark
C3S10	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
C3S11	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C3S12	2301-000008	C-FILM,PEF;2.2nF,5%,50V,TP,5.5X7X3.5mm	
C3S13	2301-000008	C-FILM,PEF;2.2nF,5%,50V,TP,5.5X7X3.5mm	
C3S14	2401-000665	C-AL:2.2uF,20%,50V,GP,TP,3.5x5.5	
C3S15	2203-000440	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,1608,-	
C401	2401-001479	C-AL:470uF,20%,10V,GP,TP,- -	
C402	2203-002398	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP,1608	
C403	2401-001479	C-AL:470uF,20%,10V,GP,TP,- -	
C404	2401-001085	C-AL:330nF,20%,50V,GP,-,5x9.2mm	
C405	2401-003046	C-AL:47uF,20%,50V,WT,TP,5.3x11.2.5	
C406	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C407	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C408	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C409	2401-003122	C-AL:4.7uF,20%,50V,LL,TP,4X7,1.5	
C410	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C4N01	2203-000140	C-CERAMIC,CHIP:1.5nF,10%,50V,X7R,TP,1608	
C4N02	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C4N03	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C4N04	2401-000665	C-AL:2.2uF,20%,50V,GP,TP,3.5x5.5	
C4N05	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C4N06	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C4N07	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C4N08	2203-000140	C-CERAMIC,CHIP:1.5nF,10%,50V,X7R,TP,1608	
C4N09	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C4N10	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C4N11	2401-001020	C-AL:3.3UF,20%,50V,GP,TP,4X7.5	
C4N12	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C4N13	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C4N14	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C4N15	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C4N16	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C4N17	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C4N18	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C4N19	2203-000998	C-CERAMIC,CHIP;0.047NF,5%,50V,COG,TP,160	
C4N21	2203-000160	C-CERAMIC,CHIP;0.0015NF,0.25PF,50V,COG,T	
C4N22	2203-000160	C-CERAMIC,CHIP;0.0015NF,0.25PF,50V,COG,T	
C4N23	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C4N24	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C4N25	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C4N30	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C501	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C502	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C503	2401-000922	C-AL:22uF,20%,16V,GP,TP,5x5.5	
C504	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C505	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x6.5	
C506	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C507	2401-000922	C-AL:22uF,20%,16V,GP,TP,5x5.5	
C508	2203-000868	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C510	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C511	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C513	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C517	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C518	2401-000922	C-AL:22uF,20%,16V,GP,TP,5x5.5	
C519	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C520	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x6.5	
C521	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
C522	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C523	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C524	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x6.5	
C525	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x6.5	
C526	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
C527	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C529	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x6.5	
C530	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C535	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C536	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C537	2401-000665	C-AL:2.2uF,20%,50V,GP,TP,3.5x5.5	
C538	2401-000665	C-AL:2.2uF,20%,50V,GP,TP,3.5x5.5	
C539	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x6.5	
C540	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x6.5	
C541	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C542	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
C601	2203-002398	C-CERAMIC,CHIP:22nF,10%,50V,X7R,TP,1608	
C602	2401-002095	C-AL:47uF,20%,25V,GP,TP,6.3x6.5	
C605	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C606	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C607	2401-000118	C-AL:1000uF,20%,16V,GP,TP,10x12.5.5	
C608	2401-002259	C-AL:0.1F,+80-20%,5.5V,-,TP,12.5x11	
C610	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C618	2401-000360	C-AL:100uF,20%,50V,GP,TP,8x11.5.5	
C619	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C620	2401-002095	C-AL:47uF,20%,25V,GP,TP,6.3x6.5	
C621	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C623	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C624	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,COG,TP,160	
C625	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,COG,TP,160	
C625B	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,COG,TP,160	
C626	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,COG,TP,160	
C627	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,COG,TP,160	
C633	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C634	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C635	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C636	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C637	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C638	2401-002196	C-AL:4.7UF,20.25V,GP,TP,4X5,5MM,-	
C639	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,COG,TP,1608	
C640	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C641	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
C642	2401-002095	C-AL:47uF,20%,25V,GP,TP,6.3x6.5	
C645	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,COG,TP,1608	
C646	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C659	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,	
C661	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C688	2401-003107	C-AL:47uF,20%,16V,GP,TP,5x7.5	
C691	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C695	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,COG,TP,1608	
C696	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C6P01	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C6P02	2203-000315	C-CERAMIC,CHIP;0.12NF,5%,50V,COG,TP,1608	
C6P04	2203-000646	C-CERAMIC,CHIP;0.024NF,5%,50V,COG,TP,160	
C6P05	2203-000646	C-CERAMIC,CHIP;0.024NF,5%,50V,COG,TP,160	
C6P06	2203-000440	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,1608,-	
C6P07	2401-002299	C-AL:4.7uF,20%,50V,GP,TP,5x7.5	
C6P08	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,COG,TP,160	
C6P10	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C6P11	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7.5	
C6P12	2401-001370	C-AL:470uF,20%,16V,GP,TP,8x11.5.5	
C6P13	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C6P15	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,	
C701	2203-000440	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,1608,-	
C702	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C703	2401-000255	C-AL:100uF,20%,10V,WT,TP,5x11.2mm	
C704	2401-001992	C-AL:2200UF,20%,10V,WT,TP,10X20MM,5	
C705	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608	
C706	2401-000118	C-AL:1000uF,20%,16V,GP,TP,10x12.5.5	
C707	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,COG,TP,1608	
C708	2203-000440	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,1608,-	
C709	2203-000440	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,1608,-	
C816	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
C817	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608	
C818	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,COG,TP,1608	

Loc.No	Part No	Description ; Specification	Remark
C819	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,.50V,COG,TP,1608	
C820	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,.50V,COG,TP,1608	
C821	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,.50V,COG,TP,1608	
C822	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,.50V,COG,TP,1608	
C822A	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,.50V,COG,TP,1608	
C823	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,.50V,COG,TP,1608	
C824	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,.50V,COG,TP,1608	
C824A	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,.50V,COG,TP,1608	
C825	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,.50V,COG,TP,1608	
C826	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,.50V,COG,TP,1608	
C829	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,.50V,COG,TP,1608	
C830	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,.50V,COG,TP,1608	
C833	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,.50V,COG,TP,1608	
C835	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
C836	2203-000257	C-CERAMIC,CHIP;.10nF,10%,.50V,X7R,TP,1608	
C851	2401-001250	C-AL;4.7uF,20%,.35V,GP,TP;4x5.5	
C852	2401-001250	C-AL;4.7uF,20%,.35V,GP,TP;4x5.5	
C880	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
C881	2203-000257	C-CERAMIC,CHIP;.10nF,10%,.50V,X7R,TP,1608	
C882	2401-001479	C-AL;470uF,20%,.10V,GP,TP;-.-	
C883	2401-001479	C-AL;470uF,20%,.10V,GP,TP;-.-	
C884	2401-001479	C-AL;470uF,20%,.10V,GP,TP;-.-	
C8A20	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
C8A21	2401-001250	C-AL;4.7uF,20%,.35V,GP,TP;4x5.5	
C8A22	2401-001250	C-AL;4.7uF,20%,.35V,GP,TP;4x5.5	
C8A88	2401-003107	C-AL;47uF,20%,.16V,GP,TP;5x7.5	
C904A	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
CA8001	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,.50V,NP0,TP,1608	
CA8002	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,.50V,NP0,TP,1608	
CA801	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
CA832	2401-001250	C-AL;4.7uF,20%,.35V,GP,TP;4x5.5	
CA803	2401-001250	C-AL;4.7uF,20%,.35V,GP,TP;4x5.5	
CA805	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
CAA801	2401-000414	C-AL;10uF,20%,.16V,GP,TP;4x7.5	
CAA802	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
CAA888	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,.50V,NP0,TP,1608	
CN1	3708-001696	CONNECTOR-FPC/FFC/PIC;24P,1MM,STRAIGHT,S	
CN101	3711-005314	CONNECTOR-HEADER;NOWALL,16P,1R,2.5MM,.STR	
CN2	3708-001695	CONNECTOR-FPC/FFC/PIC;13P,1MM,STRAIGHT,S	
CN3	3711-001018	CONNECTOR-HEADER;BOX,5P,1R,2mm,STRAIGHT,	
CN301	3706-000391	CONNECTOR-FPC/FFC/PIC;10P,1.25mm,STRAIGH	
CN3A01	3708-001165	CONNECTOR-FPC/FFC/PIC;6P,1.25mm,STRAIGHT	
CN3A02	3710-001881	CONNECTOR;SOCKET,2P,1R,2.5MM,.STRAIGHT,SN	
CN3A1S	3809-001206	CABLE-FLAT,30V,-20to+80C,140mm,6P,1.25mm	
CN601	3711-005312	CONNECTOR-HEADER;3WALL,6P,1R,2MM,.STRAIGH	
CN604	3711-004833	CONNECTOR-HEADER;BOX,12P,2R,2MM,.STRAIGHT	
CNR1	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
CNR2	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
CNR3	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
CNR4	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
CNR5	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
CNR6	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
CVR801	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,.50V,NP0,TP,1608	
CVR802	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,.50V,NP0,TP,1608	
CVR803	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,.50V,NP0,TP,1608	
D301	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D302	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D401	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D4N01	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D4N02	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D501	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D601	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
D603	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D620	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D688	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D692	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	

Loc.No	Part No	Description ; Specification	Remark
D6P01	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D701	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D702	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D703	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D704	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D705	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D706	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D805	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
DAA801	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
DAA802	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
DAA803	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
DAA804	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
DAA805	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
DC1	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
DC2	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
DD1	0407-000116	DIODE-ARRAY;DAP202K,80V,100mA,CA2-3,SOT-	
DDC1	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
DDC2	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
DDC3	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
DDC4	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
DDE1	2401-000598	C-AL;1uF,20%,.50V,GP,TP;4x7.5	
DDIC1	AH14-1000AR	IC;M74HCU04,SOP,TAPE 14P	
DDIC2	3707-001060	CONNECTOR-OPTICAL;PLUG,GP1FA550TZ,6DB,2	
DDL1	2901-001125	FILTER-EMI ON BOARD;50V,0.5A-,220nF,7x2	
DDL2	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
DDL3	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
DDR1	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
DDR2	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
DDR3	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
DDZ1	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
DDZ2	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
DQ1	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
DQ2	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
DQ3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
DR1	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR2	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR3	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
DR4	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR5	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR6	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
DR7	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	
DR8	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	
DT701	AK07-00004A	LED DISPLAY,BCD-9027A,(BRIGHT),DVD-V3000	
FC1	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC10	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC11	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC12	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC13	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC15	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC2	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC3	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC4	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC5	2203-001222	C-CERAMIC,CHIP;820pF,10%,.50V,X7R,TP,1608	
FC6	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
FC7	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,.50V,X7R,TP,1608	
FE1	2401-002144	C-AL;47uF,20%,.16V,GP,TP;5x11.5	
FE2	2401-002144	C-AL;47uF,20%,.16V,GP,TP;5x11.5	
FE3	2401-002144	C-AL;47uF,20%,.16V,GP,TP;5x11.5	
FE4	2401-002144	C-AL;47uF,20%,.16V,GP,TP;5x11.5	
FE5	2401-002144	C-AL;47uF,20%,.16V,GP,TP;5x11.5	
FE6	2401-000414	C-AL;10uF,20%,.16V,GP,TP;4x7.5	
FL3A01	2702-000166	INDUCTOR-RADIAL;47uH,5%,.6x6.4mm	
FR1	2007-000084	R-CHIP;4.7Kohm,5%,.1/10W,TP,1608	
FR10	2007-000090	R-CHIP;10Kohm,5%,.1/10W,TP,1608	
FR11	2007-000090	R-CHIP;10Kohm,5%,.1/10W,TP,1608	
FR12	2007-000124	R-CHIP;2.2Kohm,5%,.1/10W,TP,1608	

Loc.No	Part No	Description ; Specification	Remark
FR13	2007-000124	R-CHIP;2.2Kohm,5%,.1/10W,TP,1608	
FR14	2007-000090	R-CHIP;10Kohm,5%,.1/10W,TP,1608	
FR15	2007-000655	R-CHIP;27Kohm,5%,.1/10W,TP,1608	
FR16	2007-000090	R-CHIP;10Kohm,5%,.1/10W,TP,1608	
FR17	2007-000088	R-CHIP;7.5Kohm,5%,.1/10W,TP,1608	
FR18	2007-000092	R-CHIP;15Kohm,5%,.1/10W,TP,1608	
FR2	2007-000084	R-CHIP;4.7Kohm,5%,.1/10W,TP,1608	
FR3	2007-000034	R-CHIP;10HM,5%,.1/4W,DA,TP,3216	
FR4	2007-000034	R-CHIP;10HM,5%,.1/4W,DA,TP,3216	
FR5	2007-000093	R-CHIP;20Kohm,5%,.1/10W,TP,1608	
FR6	2007-000090	R-CHIP;10Kohm,5%,.1/10W,TP,1608	
FR7	2007-000093	R-CHIP;20Kohm,5%,.1/10W,TP,1608	
FR8	2007-000090	R-CHIP;10Kohm,5%,.1/10W,TP,1608	
FR9	2007-000092	R-CHIP;15Kohm,5%,.1/10W,TP,1608	
IC301	1204-001922	IC-VIDEO PROCESS;LA71750M,QFP,100P-,-PLA	
IC3S01	1204-001921	IC-CHROMA;LA70100M,SOP,30P,375MIL,PLASTI	
IC4N01	1204-001765	IC-AUDIO PROCESSOR;MSP3417D,PQFP,PQFP4	
IC501	1204-001920	IC-AUDIO PROCESSOR;LA72646M,QFP,80P,14X1	
IC601	AK09-00023A	IC-MICOM;N128-B08-3BA,SV-DVD60-02,100PI	
IC604	AC14-12009W	IC-RESET;PST572K,TO-92,RS9-1766 2.5V	
IC605	1103-001150	IC-EEPROM;524C08D81,8KBit,DIP,8P,300MIL	
IC608	1203-000515	IC-VOL DETECTOR;7042,TO-92,3P,177MIL,PL	
IC6P01	1204-001794	IC-AUDIO PROCESSOR;LC74775NM-9808,MFP,30	
IC6P01	1204-001796	IC-OSD PROCESSOR;LC74759JM-9820,MFP,24P,	Russia Only
IC701	1003-001443	IC-LED DRIVER;PT6959,SOIC,28P,300MIL,-,-	
IC802	0801-002741	IC-CMOS LOGIC;BU4053BCFV,MUX,SSOP,16P,17	
ICA810	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
ICA811	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
JI601	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
JC801	3722-001573	JACK-SCART;12P/2R,-,SN,BLK/BLU,#20-28	
JC802	AC37-Z2002N	JACK-PIN;3.2mm,DPAE-9836,3P(1),HI-FI,SV	
JK701	3722-001943	JACK-PIN;3P,B 3P,I,NLBLK,-	
JP1	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
JP13	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
JP14	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
JP15	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
JP16	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
JP5	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
JP6	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
L302	2702-000108	INDUCTOR-RADIAL;100uH,5%,.6x6.4mm	
L370	2702-000108	INDUCTOR-RADIAL;100uH,5%,.6x6.4mm	
L3A01	2702-000120	INDUCTOR-RADIAL;15mH,5%,.6.2x7.4mm	
L3A02	2702-000108	INDUCTOR-RADIAL;100uH,5%,.6x6.4mm	
L3A03	2701-000002	INDUCTOR-AXIAL;100uH,10%,.4.2x9.8mm	
L3Q1	2701-000206	INDUCTOR-AXIAL;56uH,5%,.2.4x3.4mm	
L302	2701-000131	INDUCTOR-AXIAL;15uH,5%,.2.5x3.4mm	
L402	2701-000002	INDUCTOR-AXIAL;100uH,10%,.4.2x9.8mm	
L4N01	2702-000160	INDUCTOR-RADIAL;4.7uH,10%,.6x6.4mm	
L4N02	2702-000108	INDUCTOR-RADIAL;100uH,5%,.6x6.4mm	
L4N03	2702-000160	INDUCTOR-RADIAL;4.7uH,10%,.6x6.4mm	
L4N04	AC27-92001W	COIL-INDUCTOR,RH2.5X6.5RS,.BEAD(RADIAL),-	
L603	2702-000108	INDUCTOR-RADIAL;100uH,5%,.6x6.4mm	
L605	2701-000002	INDUCTOR-AXIAL;100uH,10%,.4.2x9.8mm	
L6P03	2702-000142	INDUCTOR-RADIAL;22uH,5%,.6x6.4mm	
L6P05	2702-000144	INDUCTOR-RADIAL;27uH,5%,.6x6.4mm	
L701	2701-000002	INDUCTOR-AXIAL;100uH,10%,.4.2x9.8mm	
L702	2701-000002	INDUCTOR-AXIAL;100uH,10%,.4.2x9.8mm	
L802	2702-000106	INDUCTOR-RADIAL;100uH,5%,.6x6.4mm	
LB03	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB04	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB05	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB06	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB07	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB08	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB09	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB10	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	

Loc.No	Part No	Description ; Specification	Remark
LB11	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB12	2701-000181	INDUCTOR-AXIAL;33uH,5%,.2.4x3.4mm	
LB14	AC27-92001M	COIL-INDUCTOR;RH3.5X6.5RS,.BEAD(RADIAL),-	
LD601	0601-000517	LED-IR;RECTANGULA,4x6.0mm,.75mW,6V,950	
PC1	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC10	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC11	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC12	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC13	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC2	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC20	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC3	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC4	2203-000257	C-CERAMIC,CHIP;.10nF,10%,.50V,X7R,TP,1608	
PC5	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC6	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC7	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC8	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PC9	2203-005148	C-CERAMIC,CHIP;100nF,10%,.16V,X7R,TP,1608	
PE1	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE10	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE11	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE12	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE13	2401-000598	C-AL;1uF,20%,.50V,GP,TP;4x7.5	
PE2	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE20	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE3	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE4	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE5	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE6	2401-001479	C-AL;470uF,20%,.10V,GP,TP;-.-	
PE8	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PE9	2401-002165	C-AL;100uF,20%,.16V,GP,TP;6.3x7.5	
PIC1	1203-002178	IC-VOLTAGE REGULATOR;1563,SOP,7P,173MIL,	
PIC2	1203-002779	IC-VOLTAGE REGULATOR;G9527K3U,SOT-223,3P	
PIC3	1203-002185	IC-VOLTAGE REGULATOR,3RD13,TO-220,4P,402	
PL1	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
PL2	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
PL3	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
PL5	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
PL6	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
PL7	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
PR3	2007-000070	R-CHIP;0ohm,5%,.1/10W,TP,1608	
PT601	0604-001206	PHOTO-INTERRUPTER,TR-,.150mW,CYS894102,B	
PT602	0604-001206	PHOTO-INTERRUPTER,TR-,.150mW,CYS894102,B	
Q302	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q351	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q3A01	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q3A02	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q3A03	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400mW,TO-9	
Q3A04	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400mW,TO-9	
Q3A05	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400mW,TO-9	
Q3A06	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q3Q1	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q3Q2	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q3Q3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q3Q4	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q3Q5	0504-000152	TR-DIGITAL;KSR2101,PNP,200mW,4.7K/4.7K,S	
Q3Q6	0504-000129	TR-DIGITAL;KSR1104,NPN,.200mW,47K/47K,SOT	
Q3Q7	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q601	0504-000129	TR-DIGITAL;KSR1104,NPN,.200mW,47K/47K,SOT	
Q6P01	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q6P02	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q6P04	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q802	0504-000129	TR-DIGITAL;KSR1104,NPN,.200mW,47K/47K,SOT	
Q803	0504-000129	TR-DIGITAL;KSR1104,NPN,.200mW,47K/47K,SOT	
Q804	0504-000152	TR-DIGITAL;KSR2101,PNP,200mW,4.7K/4.7K,S	
Q808	0504-000129	TR-DIGITAL;KSR1104,NPN,.200mW,47K/47K,SOT	

Loc.No	Part No	Description	Specification	Remark
Q809	0501-000341	TR-SMALL SIGNAL,KSC1623-L,NPN,200mW,SOT-		
Q810	0501-000341	TR-SMALL SIGNAL,KSC1623-L,NPN,200mW,SOT-		
Q811	0501-000341	TR-SMALL SIGNAL,KSC1623-L,NPN,200mW,SOT-		
Q812	0504-000129	TR-DIGITAL,KSR1104,NPN,200mW,47K/47K,SOT		
Q813	0504-000129	TR-DIGITAL,KSR1104,NPN,200mW,47K/47K,SOT		
Q882	0501-000314	TR-SMALL SIGNAL,KSA812,PNP,150mW,SOT-23,		
QA801	0501-000341	TR-SMALL SIGNAL,KSC1623-L,NPN,200mW,SOT-		
QA802	0501-000341	TR-SMALL SIGNAL,KSC1623-L,NPN,200mW,SOT-		
QAA801	0504-000128	TR-DIGITAL,-,NPN,200MW,22K/22K,SOT-23,TP		
QAA802	0504-000156	TR-DIGITAL,KSR2103,PNP,200MW,22K/22K,SOT		
QAA803	0501-000314	TR-SMALL SIGNAL,KSA812,PNP,150mW,SOT-23,		
QAA804	0504-000156	TR-DIGITAL,KSR2103,PNP,200MW,22K/22K,SOT		
QAA805	0504-000128	TR-DIGITAL,-,NPN,200MW,22K/22K,SOT-23,TP		
QAA806	0501-000341	TR-SMALL SIGNAL,KSC1623-L,NPN,200mW,SOT-		
QAA807	0504-000156	TR-DIGITAL,KSR2103,PNP,200MW,22K/22K,SOT		
QAA808	0501-000341	TR-SMALL SIGNAL,KSC1623-L,NPN,200mW,SOT-		
QAA809	0504-000128	TR-DIGITAL,-,NPN,200MW,22K/22K,SOT-23,TP		
R315	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608		
R316	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608		
R320	2007-000458	R-CHIP:18Kohm,5%,1/10W,TP,1608		
R321	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R322	2007-000458	R-CHIP:18Kohm,5%,1/10W,TP,1608		
R323	2007-000125	R-CHIP:3.9Kohm,5%,1/10W,TP,1608		
R324	2007-000079	R-CHIP:1.8Kohm,5%,1/10W,TP,1608		
R325	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R326	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R327	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
R328	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608		
R329	2007-000081	R-CHIP:2.7Kohm,5%,1/10W,TP,1608		
R330	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608		
R331	2007-000079	R-CHIP:1.8Kohm,5%,1/10W,TP,1608		
R333	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608		
R334	2007-000123	R-CHIP:1.5Kohm,5%,1/10W,TP,1608		
R335	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R350	2007-000123	R-CHIP:1.5Kohm,5%,1/10W,TP,1608		
R360	2001-000773	R-CARBON:470KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
R371	2007-000119	R-CHIP:560ohm,5%,1/10W,TP,1608		
R372	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R373	2007-000093	R-CHIP:20Kohm,5%,1/10W,TP,1608		
R380	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608		
R3A01	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R3A04	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608		
R3A05	2007-000616	R-CHIP:24Kohm,5%,1/10W,TP,1608		
R3A06	2007-000450	R-CHIP:180ohm,5%,1/10W,TP,1608		
R3A07	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608		
R3A08	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608		
R3A09	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
R3A11	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608		
R3A12	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R3A13	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R3A14	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608		
R3A16	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R3A17	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608		
R3A18	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608		
R3A23	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608		
R3A24	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608		
R3A25	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608		
R3A26	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R3A28	2007-000079	R-CHIP:1.8Kohm,5%,1/10W,TP,1608		
R3A50	2007-000965	R-CHIP:5.1Kohm,5%,1/10W,TP,1608		
R3A51	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R3A60	2007-000704	R-CHIP:3.6Kohm,5%,1/10W,TP,1608		
R301	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608		
R3Q12	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608		⚠
R302	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		⚠
R3Q3	2007-000076	R-CHIP:330ohm,5%,1/10W,TP,1608		⚠

Loc.No	Part No	Description	Specification	Remark
R304	2007-001056	R-CHIP:6.2Kohm,5%,1/10W,TP,1608		
R305	2007-000076	R-CHIP:330ohm,5%,1/10W,TP,1608		
R306	2007-000259	R-CHIP:1.6Kohm,5%,1/10W,TP,1608		⚠
R307	2007-000083	R-CHIP:3Kohm,5%,1/10W,TP,1608		⚠
R308	2007-000076	R-CHIP:330ohm,5%,1/10W,TP,1608		
R309	2007-001157	R-CHIP:750ohm,5%,1/10W,TP,1608		
R3S01	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		⚠
R3S02	2007-000109	R-CHIP:1Mohm,5%,1/10W,TP,1608		⚠
R401	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R402	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R403	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R404	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R406	2007-001010	R-CHIP:51Kohm,5%,1/10W,TP,1608		
R407	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
R408	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608		⚠
R4N01	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		⚠
R4N02	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		⚠
R4N03	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		⚠
R4N04	2007-000655	R-CHIP:27Kohm,5%,1/10W,TP,1608		
R4N05	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R4N06	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R501	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R502	2007-001056	R-CHIP:6.2Kohm,5%,1/10W,TP,1608		
R503	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		
R505	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R506	2007-001056	R-CHIP:6.2Kohm,5%,1/10W,TP,1608		
R507	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R508	2007-001056	R-CHIP:6.2Kohm,5%,1/10W,TP,1608		
R509	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608		⚠
R510	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R511	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R512	2007-000134	R-CHIP:33Kohm,5%,1/10W,TP,1608		
R517	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608		
R518	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R519	2007-001056	R-CHIP:6.2Kohm,5%,1/10W,TP,1608		
R520	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R521	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608		
R522	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608		
R523	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		
R533	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R540	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		
R545	2007-000512	R-CHIP:2.4Kohm,5%,1/10W,TP,1608		
R546	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R547	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R550	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		⚠
R551	2007-000093	R-CHIP:20Kohm,5%,1/10W,TP,1608		⚠
R552	2007-000913	R-CHIP:43Kohm,5%,1/10W,TP,1608		⚠
R553	2007-000093	R-CHIP:20Kohm,5%,1/10W,TP,1608		
R570	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R571	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608		
R608	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608		
R609	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608		⚠
R610	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		⚠
R611	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R612	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R613	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R614	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R615	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R617	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608		
R630	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R631	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R640	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R641	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		
R642	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		⚠
R644	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R647	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		

Loc.No	Part No	Description	Specification	Remark
R651	2007-000100	R-CHIP:68Kohm,5%,1/10W,TP,1608		
R652	2001-000568	R-CARBON:270HM,5%,1/8W,AA,TP,1.8X3.2MM		
R657	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
R657	2007-000100	R-CHIP:68Kohm,5%,1/10W,TP,1608		
R660	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R661	2007-000134	R-CHIP:33Kohm,5%,1/10W,TP,1608		
R666	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R667	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R668	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		
R669	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		
R670	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
R671	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
R672	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
R673	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R674	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R675	2001-000032	R-CARBON:180OHM,5%,1/4W,AA,TP,2.4X6.4MM		
R676	2007-000096	R-CHIP:30Kohm,5%,1/10W,TP,1608		⚠
R677	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608		⚠
R678	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608		
R679	2007-000075	R-CHIP:220ohm,5%,1/10W,TP,1608		
R682	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608		
R685	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608		
R688	2007-000655	R-CHIP:27Kohm,5%,1/10W,TP,1608		
R690	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R691	2007-000075	R-CHIP:220ohm,5%,1/10W,TP,1608		
R693	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R694	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R698	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R6C2	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
R6P01	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R6P02	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R6P03	2007-000081	R-CHIP:2.7Kohm,5%,1/10W,TP,1608		
R6P04	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R6P05	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R6P06	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608		
R6P07	2007-000075	R-CHIP:220ohm,5%,1/10W,TP,1608		
R6P08	2007-000118	R-CHIP:390ohm,5%,1/10W,TP,1608		
R6P09	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
R6P09	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	Russia Only	
R6P10	2007-000075	R-CHIP:220ohm,5%,1/10W,TP,1608		
R6P12	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
R6P13	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R6P14	2007-000123	R-CHIP:1.5Kohm,5%,1/10W,TP,1608		
R710	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		
R711	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		
R712	2001-000837	R-CARBON:51KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
R765	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m		
R766	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m		
R767	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m		
R770	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608		
R771	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608		
R772	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608		
R832	2007-000079	R-CHIP:1.8Kohm,5%,1/10W,TP,1608		
R803	2007-000079	R-CHIP:1.8Kohm,5%,1/10W,TP,1608		
R805	2007-000643	R-CHIP:270ohm,5%,1/10W,TP,1608		
R806	2007-000643	R-CHIP:270ohm,5%,1/10W,TP,1608		
R807	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		
R808	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		
R809	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		
R810	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R811	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R812	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		
R813	2007-000643	R-CHIP:270ohm,5%,1/10W,TP,1608		
R814	2007-000643	R-CHIP:270ohm,5%,1/10W,TP,1608		
R815	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R816	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		

Loc.No	Part No	Description	Specification	Remark
R819	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R820	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
R821	2007-000134	R-CHIP:33Kohm,5%,1/10W,TP,1608		
R822	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608		
R825	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
R839	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		
R841	2007-000119	R-CHIP:560ohm,5%,1/10W,TP,1608		
R842	2007-000119	R-CHIP:560ohm,5%,1/10W,TP,1608		
R843	2007-000119	R-CHIP:560ohm,5%,1/10W,TP,1608		
R844	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		
R861	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
R862	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
R875	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R876	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		
R8A00	2007-000107	R-CHIP:470Kohm,5%,1/10W,TP,1608		
R8A01	2007-000107	R-CHIP:470Kohm,5%,1/10W,TP,1608		
RA801	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
RA802	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
RA895	2007-000655	R-CHIP:27Kohm,5%,1/10W,TP,1608		
RA896	2007-000655	R-CHIP:27Kohm,5%,1/10W,TP,1608		
RAA802	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608		
RAA803	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		
RAA804	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
RAA805	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
RAA806	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		
RAA810	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
RAA811	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		
RAA814	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
RAA815	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
RAA816	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
RAA817	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		
RC1	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC11	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC12	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC13	2203-000975	C-CERAMIC,CHIP:47nF,10%,25V,X7R,TP,1608.		
RC14	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608		
RC15	2203-000975	C-CERAMIC,CHIP:47nF,10%,25V,X7R,TP,1608.		
RC16	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608		
RC17	2203-000560	C-CERAMIC,CHIP:220nF,+80-20%,25V,Y5V,TP,		
RC18	2203-000236	C-CERAMIC,CHIP:0.1NF,5%,50V,C0G,TP,1608		
RC19	2203-000560	C-CERAMIC,CHIP:220nF,+80-20%,25V,Y5V,TP,		
RC2	2203-000140	C-CERAMIC,CHIP:1.5nF,10%,50V,X7R,TP,1608		
RC21	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC22	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC23	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC24	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC25	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC27	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC28	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC29	2203-000236	C-CERAMIC,CHIP:0.1NF,5%,50V,C0G,TP,1608		
RC3	2203-000140	C-CERAMIC,CHIP:1.5nF,10%,50V,X7R,TP,1608		
RC31	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC32	2203-000560	C-CERAMIC,CHIP:220nF,+80-20%,25V,Y5V,TP,		
RC33	2203-000715	C-CERAMIC,CHIP:3.3nF,10%,50V,X7R,TP,1608		
RC34	2203-000140	C-CERAMIC,CHIP:1.5nF,10%,50V,X7R,TP,1608		
RC35	2203-000236	C-CERAMIC,CHIP:0.1NF,5%,50V,C0G,TP,1608		
RC4	2203-000140	C-CERAMIC,CHIP:1.5nF,10%,50V,X7R,TP,1608		
RC5	2203-000140	C-CERAMIC,CHIP:1.5nF,10%,50V,X7R,TP,1608		
RC6	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC60	2203-000257	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,1608		
RC7	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC8	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RC9	2203-005148	C-CERAMIC,CHIP:100nF,10%,16V,X7R,TP,1608		
RD801	0401-000101	DIODE-SWITCHING,1N4148,100V,200mA,DO-35,		
RD802	0401-000101	DIODE-SWITCHING,1N4148,100V,200mA,DO-35,		
RDS811	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		

Loc.No	Part No	Description; Specification	Remark
RE1	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
RE10	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
RE2	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
RE3	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
RE4	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11.5	
RE5	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11.5	
RE6	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
RE7	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
RE8	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
RE9	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
RIC1	AH13-000098	IC ASIC,SSL1463A01,DVD-P293,80 ,+5V,-40	
RL11	2703-000398	INDUCTOR-SMD,10uH,10%,3.2x2.5x2.2mm	
RL3	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
RM701	AC32-00006A	MODULE REMOCON,TSOP2238WE1,38KHZ, -5.06m	
RQ1	0501-000279	TR-SMALL SIGNAL;KSA1182-Y,PNP,150mW,SOT-	
RQ2	0501-000279	TR-SMALL SIGNAL;KSA1182-Y,PNP,150mW,SOT-	
RR11	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR12	2007-000312	R-CHIP;10ohm,5%,1/4W,TP,3216	
RR15	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
RR16	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
RR17	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
RR18	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR19	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
RR2	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	
RR21	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
RR22	2007-000655	R-CHIP;27Kohm,5%,1/10W,TP,1608	
RR23	2007-001235	R-CHIP;910Kohm,5%,1/10W,TP,1608	
RR24	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
RR25	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
RR26	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
RR28	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
RR29	2007-000381	R-CHIP;13Kohm,5%,1/10W,TP,1608	
RR3	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
RR31	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
RR4	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
RR5	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
RR50	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR65	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
RR6A	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
RR7A	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
RR8	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
RR9	2007-000312	R-CHIP;10ohm,5%,1/4W,TP,3216	
RS438	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RS439	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RS440	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RS497	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RS604	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RS609	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RS648	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RS664	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RW801	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
RW802	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
RW803	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608 -	
S602	0603-001011	PHOTO TR;NPN,35V,6V,50mA,75mW,BK	
SC1	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC11	2203-000560	C-CERAMIC,CHIP;220nF,+80-20%,25V,Y5V,TP	
SC13	2203-001634	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,1608	
SC14	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
SC15	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC16	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
SC17	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
SC18	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
SC2	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP	
SC23	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC24	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,CDG,TP,160	
SC25	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,CDG,TP,160	

Loc.No	Part No	Description; Specification	Remark
SC26	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC28	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
SC29	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
SC3	2203-002398	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,1608	
SC31	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,CDG,TP,160	
SC32	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
SC33	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC34	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,CDG,TP,160	
SC35	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC36	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
SC38	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC4	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
SC41	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC42	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC43	2203-001634	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,1608.	
SC44	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
SC45	2203-001126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP,160	
SC46	2203-000975	C-CERAMIC,CHIP;4.7nF,10%,25V,X7R,TP,1608.	
SC47	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
SC48	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
SC5	2203-002398	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,1608	
SC50	2203-000560	C-CERAMIC,CHIP;220nF,+80-20%,25V,Y5V,TP,	
SC52	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC53	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC54	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC55	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC56	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC57	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC58	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC59	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
SC6	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC60	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,CDG,TP,1608	
SC7	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
SC8	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
SC9	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
SE1	2401-000414	C-AL:10uF,20%,16V,GP,TP,4x7.5	
SE2	2401-003498	C-AL:220uF,20%,10V,GP,TP,6.3x7mm,2	
SIC1	AH13-000068	IC ASIC,SSL1455X01,DVD-P293,160,+3.3V,	
SIC2	1105-001504	IC-DRAM,IC41LV16256,256Kx16Bit,SOJ,40P	
SIC3	1003-001489	IC-MOTOR DRIVER;FAN8728,HQFP,48P,14X14MM	
SJACK	3722-001998	JACK-DIN,4P+1P,-,Cu-Sn,BLK,-	
SL1	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
SL2	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
SL3	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
SL4	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
SR1	2007-001235	R-CHIP;910Kohm,5%,1/10W,TP,1608	
SR11	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
SR13	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
SR14	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
SR15	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
SR16	2007-000655	R-CHIP;27Kohm,5%,1/10W,TP,1608	
SR17	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
SR18	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SR19	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
SR2	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
SR21	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	
SR22	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SR23	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SR24	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SR26	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
SR27	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
SR28	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
SR29	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
SR3	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
SR31	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SR32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	

Loc.No	Part No	Description; Specification	Remark
SR33	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR34	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
SR35	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR36	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
SR39	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	
SR4	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR41	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR42	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SR43	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR44	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	
SR45	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
SR46	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
SR49	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	
SR5	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
SR50	2007-000305	R-CHIP;10Mohm,5%,1/10W,TP,1608	
SR51	2007-000305	R-CHIP;10Mohm,5%,1/10W,TP,1608	
SR52	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR54	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
SR6	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR7	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR8	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
SR9	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
SVL1	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
SVL2	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
SW601	AC34-00003A	SWITCH MODE-.....-NT	
SW602	AC34-20100B	SWITCH-REC-,-,X-9,-	
SW704	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW705	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW706	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW708	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW709	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SY1	2801-000261	CRYSTAL-UNIT;33.8688MHz,50ppm,28-AAA,12p	
TM401	AC40-00001T	TM BLOCK,TCPL0601PD23A,G/L-SPLITTER,-,-	L-B/G
TM401	AC40-00001R	TM BLOCK,TCMX0610PD13A,UHF-I(MO/HI),-,-	I
TM401	AC40-00014A	TM BLOCK,TCMX0601PD13A,G/V,(MONO,HIFI)	G/K
VC10	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VC11	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VC13	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
VC17	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VC18	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
VC6	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VC7	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VC8	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VC9	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VE1	2401-002165	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
VE2	2401-000922	C-AL:22uF,20%,16V,GP,TP,5x5.5	
VE4	2401-001479	C-AL:470uF,20%,10V,GP,TP,-,-	
VE5	2401-001479	C-AL:470uF,20%,10V,GP,TP,-,-	
VE6	2401-001479	C-AL:470uF,20%,10V,GP,TP,-,-	
VE7	2401-001479	C-AL:470uF,20%,10V,GP,TP,-,-	
VIC1	1204-001978	IC-VIDEO PROCESS;LA73064,-,36P,-,SSOP,7V	
VL1A	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
VL6	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
VR29	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
VR30	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
VR31	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
VR35	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
VZ1	0403-000729	DIODE-ZENER;MTZJ,9.1B,9.1V,8.57-9.01V,500	
VZ2	0403-000729	DIODE-ZENER;MTZJ,9.1B,9.1V,8.57-9.01V,500	
VZ3	0403-000729	DIODE-ZENER;MTZJ,9.1B,9.1V,8.57-9.01V,500	
VZ4	0403-000729	DIODE-ZENER;MTZJ,9.1B,9.1V,8.57-9.01V,500	
W111	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
W225	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
W238	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
W239	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
W655	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	

Loc.No	Part No	Description; Specification	Remark
W657	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
XT301	2801-001397	CRYSTAL-UNIT;4.433619MHz,20ppm,28-AAA,S,	
XT4N01	2801-003171	CRYSTAL-UNIT;18.432MHz,20PPM,28-AAM,4PF,	
XT601	2801-003318	CRYSTAL-UNIT;32.76800Hz,20ppm,28-AAP,12.5	
XT602	2801-003139	CRYSTAL-UNIT;8MHz,50ppm,28-AAA,22pF,80oh	
ZC1	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC10	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC101	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC102	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC103	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC104	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC105	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC106	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC107	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC108	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC109	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC11	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC112	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC113	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,CDG,TP,	
ZC12	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC13	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC14	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC15	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC16	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC17	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC18	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC19	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC195	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
ZC196	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC2	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC20	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC21	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC22	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC23	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC24	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC25	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC28	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC29	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
ZC3	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC30	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
ZC31	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
ZC32	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
ZC34	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC35	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC36	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,CDG,TP,160	
ZC37	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC38	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC4	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC40	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC42	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,CDG,TP,160	
ZC43	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC5	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC6	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC7	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,CDG,TP,160	
ZC78	2203-000998	C-CERAMIC,CHIP;0.047NF,5%,50V,CDG,TP,160	
ZC79	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,CDG,TP,1608	
ZC80	2203-000998	C-CERAMIC,CHIP;0.047NF,5%,50V,CDG,TP,160	
ZC881	0403-001083	DIODE-ZENER,UDZ9.1B,9.1V,8.85-9.23V,200m	
ZC9	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZD401	0403-000390	DIODE-ZENER,UZF33B,33V,31.4-34.6V,1W,DO-	
ZD701	0403-001083	DIODE-ZENER,UDZ9.1B,9.1V,8.85-9.23V,200m	
ZD801	0403-000297	DIODE-ZENER,MTZ6.2B,6.2V,5.96-6.27V,500m	
ZD882	0403-001083	DIODE-ZENER,UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDA883	0403-001083	DIODE-ZENER,UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDA881	0403-001083	DIODE-ZENER,UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDA882	0403-001083	DIODE-ZENER,UDZ9.1B,9.1V,8.85-9.23V,200m	

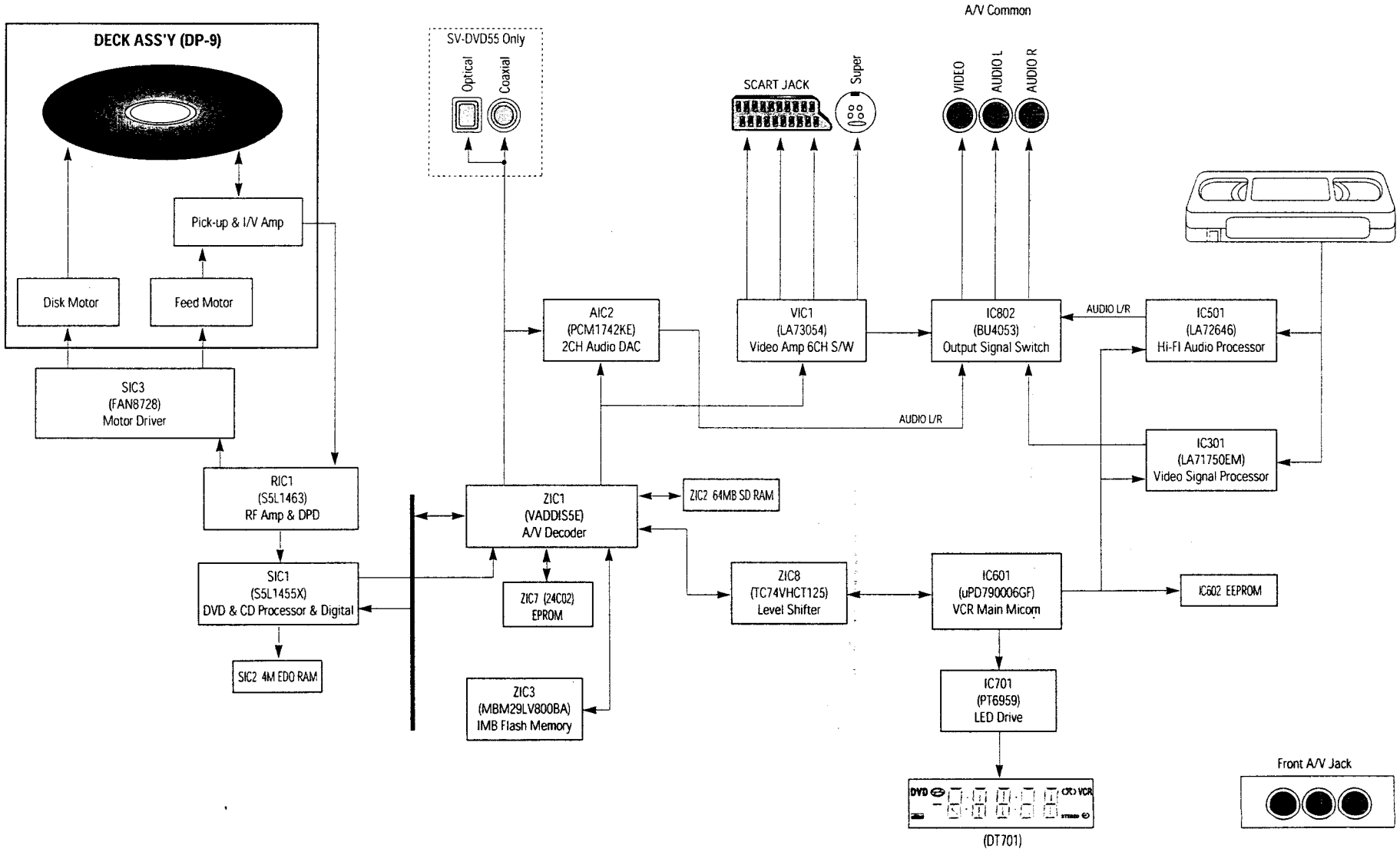
Loc.No	Part No	Description ; Specification	Remark
ZDA883	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDA884	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDA885	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDA895	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZDA896	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZDA897	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZDA898	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZDS805	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDS806	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZDS807	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDS808	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZDS809	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZDS810	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDS811	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZDS813	0403-001083	DIODE-ZENER;UDZ9.1B,9.1V,8.85-9.23V,200m	
ZE1	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7.5	
ZE100	2401-000922	C-AL;22uF,20%,16V,GP,TP,5x5.5	
ZE2	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7.5	
ZE3	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7.5	
ZE4	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7.5	
ZIC1	1204-002092	IC-DECODER;ZR36742,QFP,208P,28X28MM,PLAS	
ZIC2	1105-001513	IC-DRAM;KS4S16400A-7T,1Mx16Bit+4Bit,T	
ZIC3	1107-001369	IC-FLASH MEMORY;M8M29LV800BA-90PFTN,512K	
ZIC7	1103-001204	IC-EEPROM;24C021,256x8Bit,SOP8P150MIL	
ZIC8	0801-002701	IC-CMOS LOGIC;74VHCT125A,BUFFER,TSSOP,14	
ZL10	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZL11	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZL195	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZL2	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
ZL3	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
ZL5	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZL6	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZL7	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZL78	3301-001309	CORE-FERRITE BEAD;AB,47ohm,1.6x0.8x0.8mm	
ZL8	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZL9	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	
ZR1	2007-000360	R-CHIP;12ohm,1%,1/10W,TP,1608	
ZR10	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR101	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
ZR11	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR12	2011-000816	R-NETWORK;1000HM,5%,1/16W,L-CHIP,8P,TP	
ZR14	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR15	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR16	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR17	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR18	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR19	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR2	2007-000360	R-CHIP;12ohm,1%,1/10W,TP,1608	
ZR20	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR21	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR22	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR23	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR24	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR25	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR26	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR27	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR28	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR29	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR3	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	
ZR30	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR31	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR32	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR33	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR34	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR35	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
ZR36	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	

Loc.No	Part No	Description ; Specification	Remark
ZR37	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR38	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR39	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR4	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR40	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR41	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
ZR44	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR45	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR46	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR48	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR5	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
ZR56	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR57	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR6	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR62	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR63	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR7	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR78	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR79	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
ZR80	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR91	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR92	2007-000303	R-CHIP;10Kohm,5%,1/4W,TP,3216	
ZR93	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR94	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR95	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR96	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR97	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZR98	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
ZY1	2801-004279	CRYSTAL-UNIT;27.000MHz,10ppm,Z8-AAA,20pF.	
602	**AC32-01318A**	**ASSY PCB-SMPS;COMB04,SMPS PCB ASS'Y**	
BD1S01	AC27-92001M	COIL-INDUCTOR;RH3.5X6.5RS,BEAD(RADIAL)-	
BD1SS3	AC27-92001M	COIL-INDUCTOR;RH3.5X6.5RS,BEAD(RADIAL)-	
C1P101	2401-003480	C-AL;1000UF,20%,10V,LZ,TP,10X16MM,5	
C1P102	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7.5	
C1P103	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7.5	
C1P104	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7.5	
C1P105	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7.5	
C1P106	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5.2mm	
C1P107	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5	
C1P109	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5.2mm	
C1P110	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5.2mm	
C1P111	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5.2mm	
C1P112	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7.5	
C1P113	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7.5	
C1P114	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5	
C1P115	2401-003122	C-AL;4.7uF,20%,50V,LL,TP,4X7,1.5	
C1P116	2401-003122	C-AL;4.7uF,20%,50V,LL,TP,4X7,1.5	
C1SA04	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,TP,12.	⚠
C1SD02	2305-001021	C-FILM,MPEF;100nF,20%,275V,TP,17.5x7x13.	⚠
C1SD12	2305-001029	C-FILM,MPEF;10nF,10%,630V,TP,12x9x12.5,5	
C1SD13	2305-001029	C-FILM,MPEF;10nF,10%,630V,TP,12x9x12.5,5	
C1SD16	2201-000012	C-CERAMIC,DISC;0.22NF,10%,1KV,Y5P,TP,6.3	
C1SF01	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,TP,12.	⚠
C1SF02	2401-002608	C-AL;33uF,20%,35V,GP,TP,5x11.5	
C1SQ04	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7.5	
C1SS01	2305-001021	C-FILM,MPEF;100nF,20%,275V,TP,17.5x7x13	⚠
C1SS03	2201-000916	C-CERAMIC,DISC;0.1NF,10%,400V,Y5U,TP,10X	⚠
C1SS04	2201-000916	C-CERAMIC,DISC;0.1NF,10%,400V,Y5U,TP,10X	⚠
C1SS06	2401-002299	C-AL;4.7uF,20%,50V,GP,TP,5x7.5	
C1SS10	2401-003303	C-AL;82uF,20%,400V,GP,BK,22X30,10	
C1SS15	2401-001992	C-AL;2200UF,20%,10V,WT,TP,10X20MM,5	
C1SS16	2401-001479	C-AL;470uF,20%,10V,GP,TP,-,-	
C1SS17	2401-003480	C-AL;1000UF,20%,10V,LZ,TP,10X16MM,5	
C1SS18	2401-001992	C-AL;2200UF,20%,10V,WT,TP,10X20MM,5	
C1SS19	2401-000385	C-AL;10uF,20%,100V,GP,TP,6.3x11.5	

Loc.No	Part No	Description ; Specification	Remark
C1SS20	2201-000812	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12	
C1SS21	2401-001126	C-AL;330uF,20%,25V,WT,TP,10x12.5,5	
C1SS22	2401-003477	C-AL;330UF,20%,25V,LZ,TP,10X12,5MM,	
C1SS26	2401-001126	C-AL;330uF,20%,25V,WT,TP,10x12.5,5	
C1SS27	2301-000129	C-FILM,PEF;100nF,5%,50V,TP,10X9X4.3X6.5m	
C901A	2202-002037	C-CERAMIC,MLC-AXIAL,100nF,80-20%,50V,Y5V	
CN101	3710-001919	CONNECTOR-SOCKET;16P,1R,2.5MM,ANGLE-F,SN	
CN1SS1	3711-000178	CONNECTOR-HEADER;1WALL,2P,1R,3.96mm,STRA	
D1P103	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35.	
D1P104	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35.	
D1P105	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35.	
D1P107	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35.	
D1P108	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35.	
D1SF01	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35.	
D1SF02	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
D1SS01	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D1SS02	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D1SS03	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D1SS04	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D1SS11	0402-000012	DIODE-RECTIFIER;UF4007,1KV,1A,DO-41,TP	
D1SS12	0404-001180	DIODE-SCHOTTKY;SE55,45V,5000MA,TO-220A,B	
D1SS13	0404-001180	DIODE-SCHOTTKY;SE55,45V,5000MA,TO-220A,B	
D1SS14	0404-001180	DIODE-SCHOTTKY;SE55,45V,5000MA,TO-220A,B	
D1SS15	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
D1SS16	0402-001194	DIODE-RECTIFIER;UG2D,200V,2A,DO-204AC,TP	
D1SS19	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
F1SD01	3601-001123	FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,CERAMI	⚠
FZ01	3601-001240	FUSE-RADIAL LEAD;50V,1A-,-,5.0x4.0x5.0m	
FZ02	3601-001240	FUSE-RADIAL LEAD;50V,1A-,-,5.0x4.0x5.0m	
FZ03	3601-001240	FUSE-RADIAL LEAD;50V,1A-,-,5.0x4.0x5.0m	
FZ04	3601-001240	FUSE-RADIAL LEAD;50V,1A-,-,5.0x4.0x5.0m	
IC1S02	0604-000186	PHOTO-COUPLER;TR,-,200mW,DIP-4,ST	⚠
IC1S03	AC14-12006D	IC;KA431Z,TO-92,TAPING	
IC1SS2	1203-002805	IC-PWM CONTROLLER;ICE2BS01,PDIP,8P,9.52X	
L1P101	3811-000389	WIRE-NO SHEATH CU;SPCW,300V,52.4mm,1/0.5	
L1P102	AC27-12001N	COIL CHOKE;10UH-15%,RA,K-30,080,150KHZ,-	
L1SS01	AC29-00002A	FILTER LINE NOISE;-,20mH,-,-,BLF-2116	
L1SS02	AC29-00003A	FILTER LINE NOISE;-,20mH MIN,-,-,-	⚠
L1SS03	AC27-12001N	COIL CHOKE;10UH-15%,RA,K-30,080,150KHZ,-	
L1SS04	AC27-12001N	COIL CHOKE;10UH-15%,RA,K-30,080,150KHZ,-	
L1SS05	AC27-12001N	COIL CHOKE;10UH-15%,RA,K-30,080,150KHZ,-	
PT1SD1	AC26-00012A	TRANS SWITCHING,EER3530,DIVA(EUROPE),-,2	⚠
Q1P101	0601-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P102	0604-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T	
Q1P103	0601-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q1P104	0601-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P105	0601-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P106	0601-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P107	0601-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P108	0604-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T	
Q1P109	0601-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q1P110	0601-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P111	0601-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
R1P101	2001-000855	R-CARBON;560OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R1P103	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R1P104	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R1P105	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
R1P109	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R1P110	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R1P111	2001-000662	R-CARBON;470OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R1P112	2001-000302	R-CARBON;100HM,5%,1/8W,AA,TP,1.8X3.2MM	
R1P222	2001-000660	R-CARBON;330KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R1SD11	2006-000273	R-CEMENT;27KOHM,5%,2W,CA,BK,6.4X6.5X18M	
R1SD13	2006-000273	R-CEMENT;27KOHM,5%,2W,CA,BK,6.4X6.5X18M	
R1SD14	2001-000598	R-CARBON;3.3OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R1SF05	2001-000527	R-CARBON;220HM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc.No	Part No	Description ; Specification	Remark
R1SF06	2004-000459	R-METAL;2.2Kohm,1%,1/8W,AA,TP,1.8x3.2m	
R1SF07	2003-000105	R-METAL OXIDE;0.33ohm,5%,2W,AD,TP,6x16mm	
R1SQ11	2001-000791	R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM	
R1SR01	2001-000548	R-CARBON;270KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R1SR02	2001-000548	R-CARBON;270KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R1SR03	2001-000548	R-CARBON;270KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R1SS01	2006-000252	R-CEMENT;2.7ohm,10%,2W,CB,TP,7.5x11x20	
R1SS08	2001-000793	R-CARBON;470HM,5%,1/8W,AA,TP,1.8X3.2MM	
R1SS31	2001-000780	R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM	
R1SS32	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R1SS33	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R1SS34	2004-000869	R-METAL;3Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R1SS35	2004-000459	R-METAL;2.2Kohm,1%,1/8W,AA,TP,1.8x3.2m	
R1SS36	2008-001033	R-FUSIBLE(S);10ohm,5%,2W,AF,TP,3.9x10mm	
VA1SS1	1405-001026	VARISTOR;470V,600A,9x7mm,TP	
ZD1P02	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
ZD1P03	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
ZD1P04	0403-000717	DIODE-ZENER;MTZJ5.1B,5.1V,4.94-5.2V,500m	
ZD1P05	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
ZD1P06	0403-000717	DIODE-ZENER;MTZJ5.1B,5.1V,4.94-5.2V,500m	
ZD1SS1	0403-000713	DIODE-ZENER;MTZJ20B,20V,18.63-17.7V,500m	
ZD1SS2	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO	
701		**ASSY SORT-FUNCTION;SV-DVD66,03-SECCOM430**	
CN701	3710-001918	CONNECTOR-SOCKET;6P,1R,2MM,ANGLE,SN	
SW710	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW711	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW712	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW713	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW714	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW715	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW716	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW720	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW721	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW722	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW723	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW724	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW725	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW726	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW727	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	
SW728	3404-001182	SWITCH-TACT;DC12V,50MA,100GF,6.0X6.0X5.0	

5. Block Diagram



6. Schematic Diagrams

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6-2 Power Drive ---------- 6-3

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6-13 DVD Servo ---------- 6-14

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6-15 DVD Audio/Video (Only for SV-DVD40) ---------- 6-16

Note

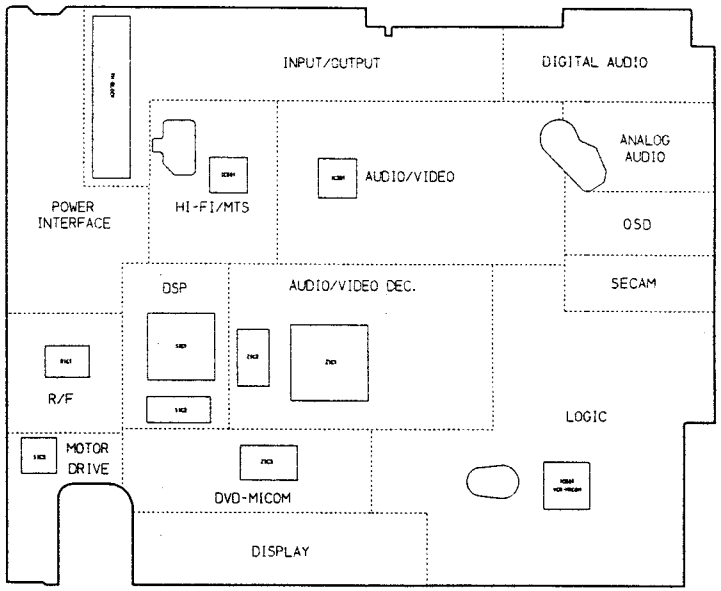
For schematic Diagram
- Resistors are in ohms, 1/8W unless otherwise noted.

Special note :
Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

Note :
Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

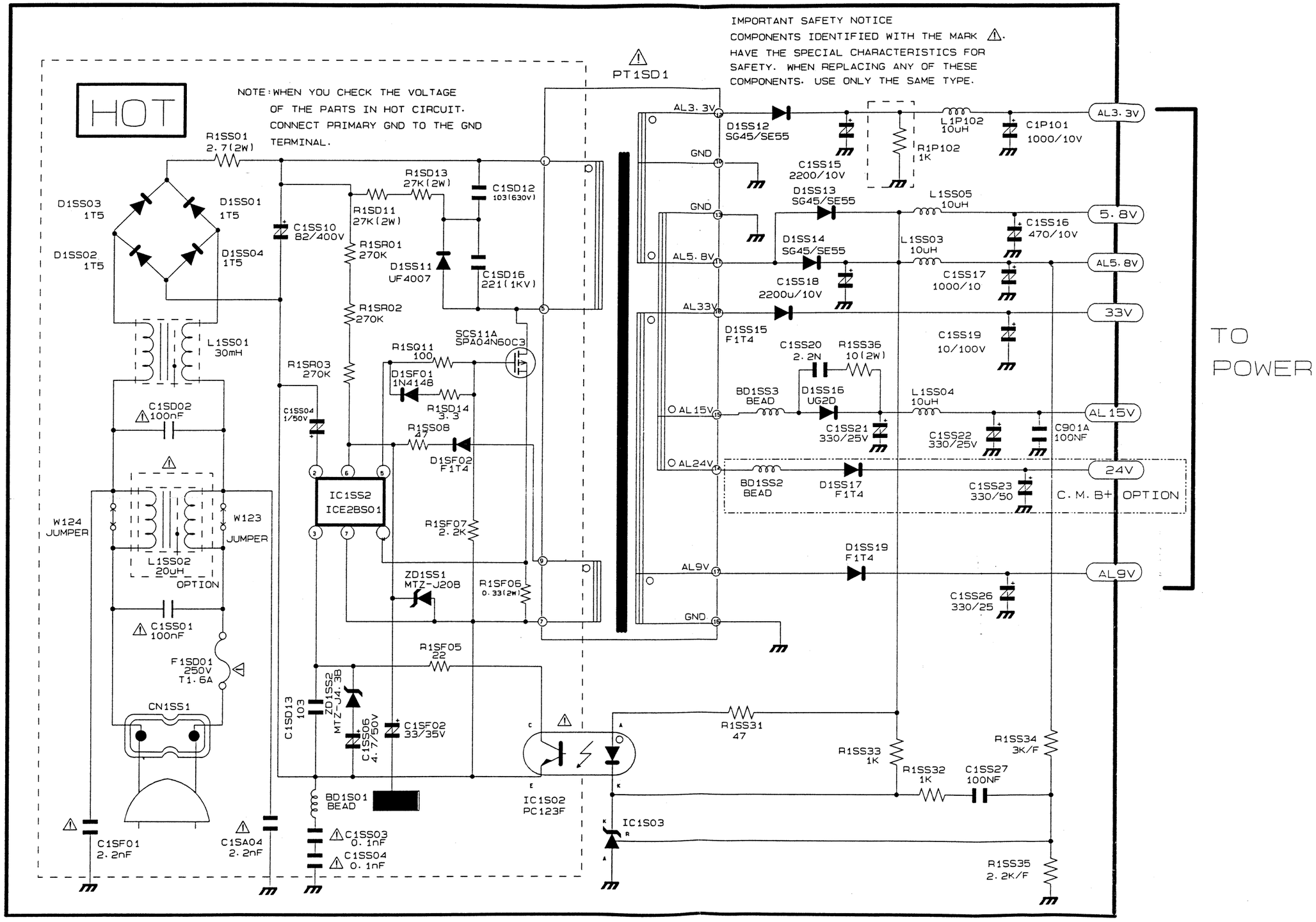
Important safety notices :
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components. Use only the same type.

◆ Block Identification of Main PCB

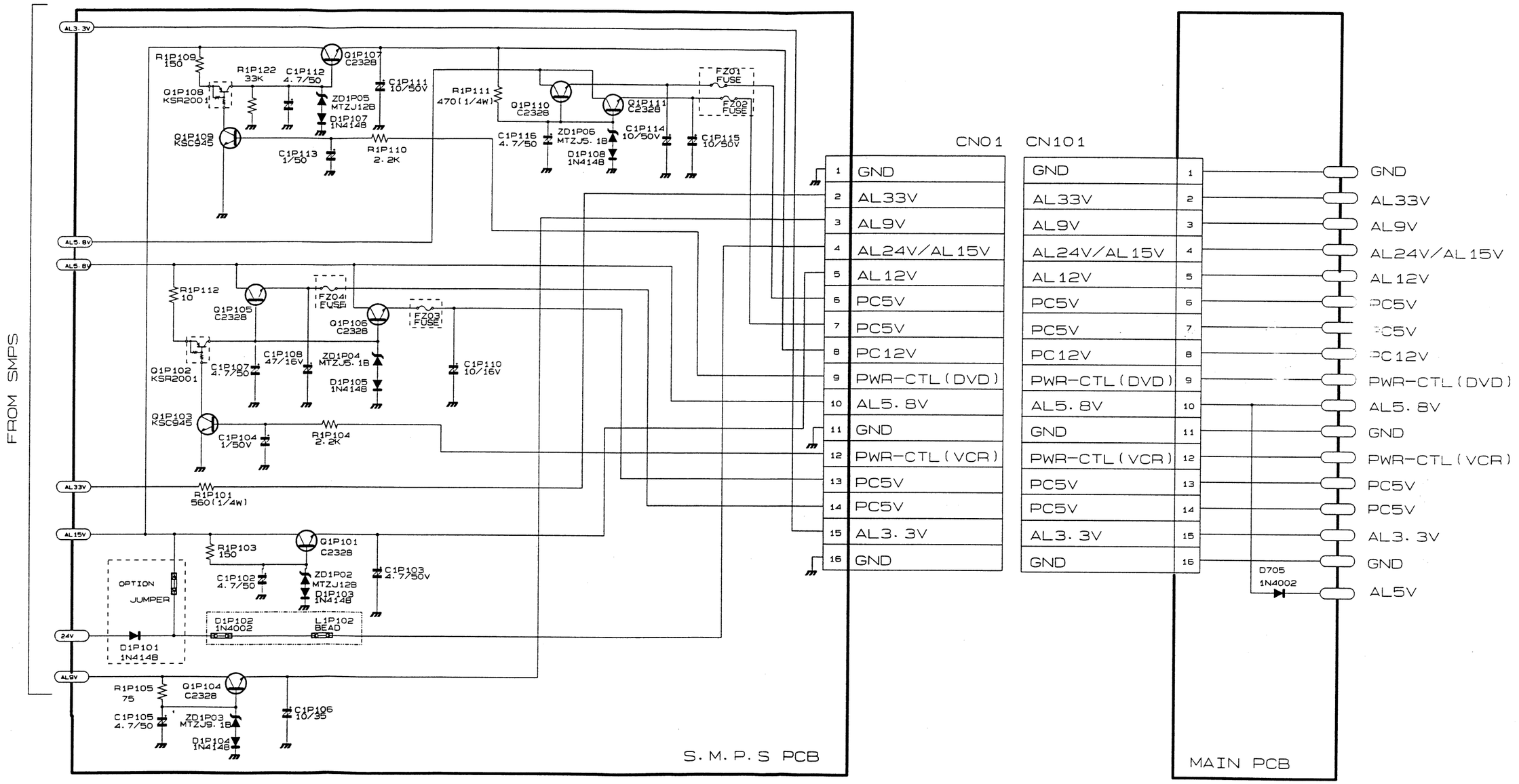


<Component Side>

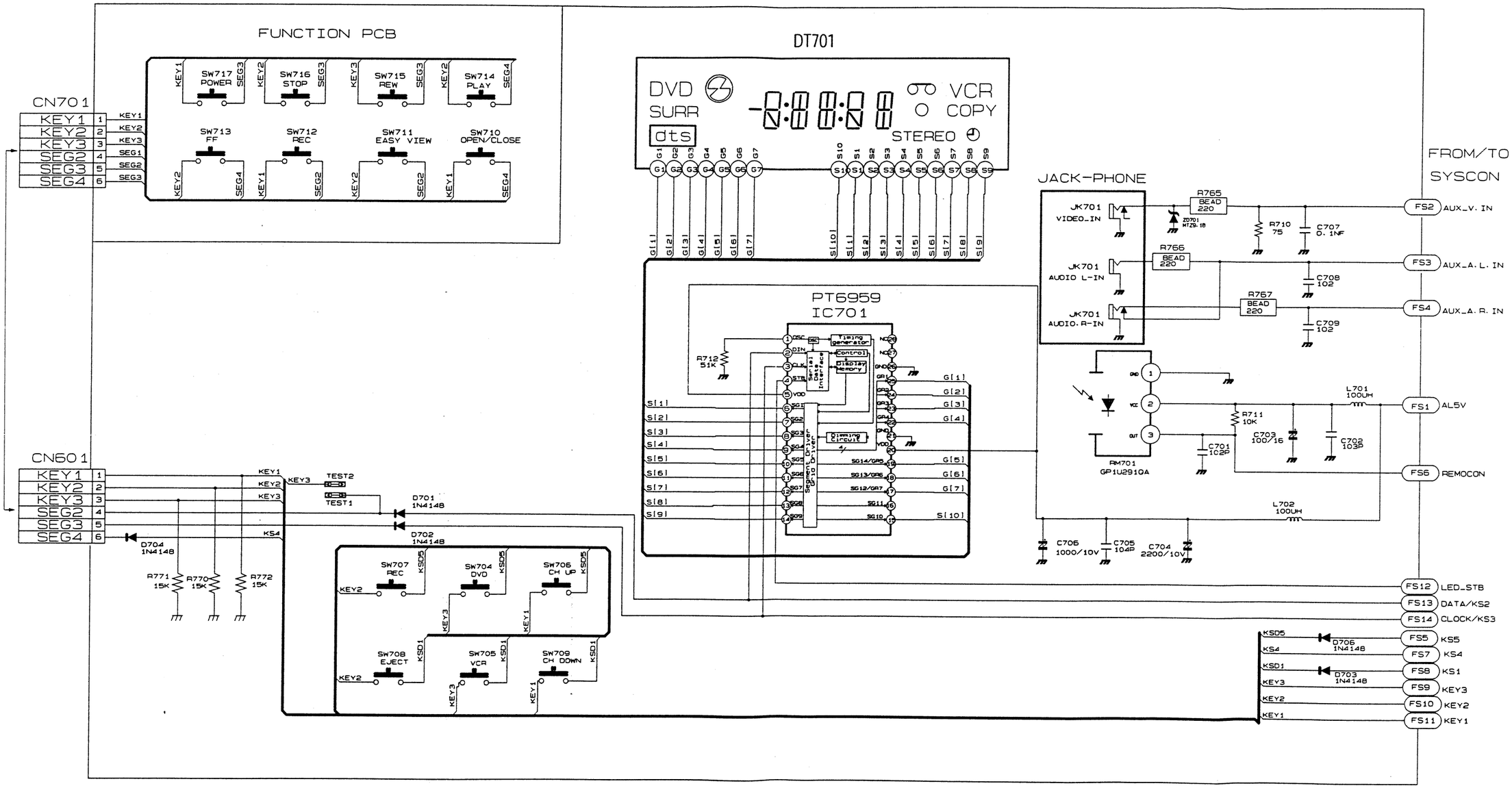
6-1 S.M.P.S.


IMPORTANT SAFETY NOTICE
COMPONENTS IDENTIFIED WITH THE MARK ⚠.
HAVE THE SPECIAL CHARACTERISTICS FOR
SAFETY. WHEN REPLACING ANY OF THESE
COMPONENTS. USE ONLY THE SAME TYPE.
HOT
NOTE: WHEN YOU CHECK THE VOLTAGE
OF THE PARTS IN HOT CIRCUIT.
CONNECT PRIMARY GND TO THE GND
TERMINAL.
PT1SD1
R1SS01 2.7(2W)
D1SS03 1T5
D1SS01 1T5
D1SS02 1T5
D1SS04 1T5
C1SS10 82/400V
R1SD13 27K(2W)
R1SD11 27K(2W)
C1SD12 103(630V)
R1SR01 270K
D1SS11 UF4007
C1SD16 221(1KV)
R1SR02 270K
R1SR03 270K
L1SS01 30mH
SCS11A SPA04N60C3
R1SQ11 100
D1SF01 1N4148
R1SD14 3.3
C1SS04 1/50V
R1SS08 47
D1SF02 F1T4
IC1SS2 ICE2BS01
C1SD02 100nF
W124 JUMPER
W123 JUMPER
L1SS02 20uH OPTION
C1SS01 100nF
F1SD01 250V T1.6A
CN1SS1
R1SF07 2.2K
ZD1SS1 MTZ-J20B
R1SF06 0.33(2W)
R1SF05 22
C1SD13 103
ZD1SS2 MTZ-J4.3B
C1SS06 4.7/50V
C1SF02 33/35V
BD1S01 BEAD
IC1S02 PC123F
C1SF01 2.2nF
C1SA04 2.2nF
C1SS03 0.1nF
C1SS04 0.1nF
AL3.3V
GND
GND
AL5.8V
AL33V
AL15V
AL24V
AL9V
GND
D1SS12 SG45/SE55
C1SS15 2200/10V
R1P102 1K
L1P102 10uH
C1P101 1000/10V
D1SS13 SG45/SE55
L1SS05 10uH
C1SS16 470/10V
D1SS14 SG45/SE55
L1SS03 10uH
C1SS17 1000/10
C1SS18 2200u/10V
D1SS15 F1T4
C1SS19 10/100V
C1SS20 2.2N
R1SS36 10(2W)
BD1SS3 BEAD
D1SS16 UG2D
L1SS04 10uH
C1SS21 330/25V
C1SS22 330/25V
C901A 100NF
BD1SS2 BEAD
D1SS17 F1T4
C1SS23 330/50
C.M.B+ OPTION
D1SS19 F1T4
C1SS26 330/25
R1SS31 47
R1SS33 1K
R1SS32 1K
C1SS27 100NF
R1SS34 3K/F
IC1S03
R1SS35 2.2K/F
AL3.3V
5.8V
AL5.8V
33V
AL15V
24V
AL9V
TO POWER

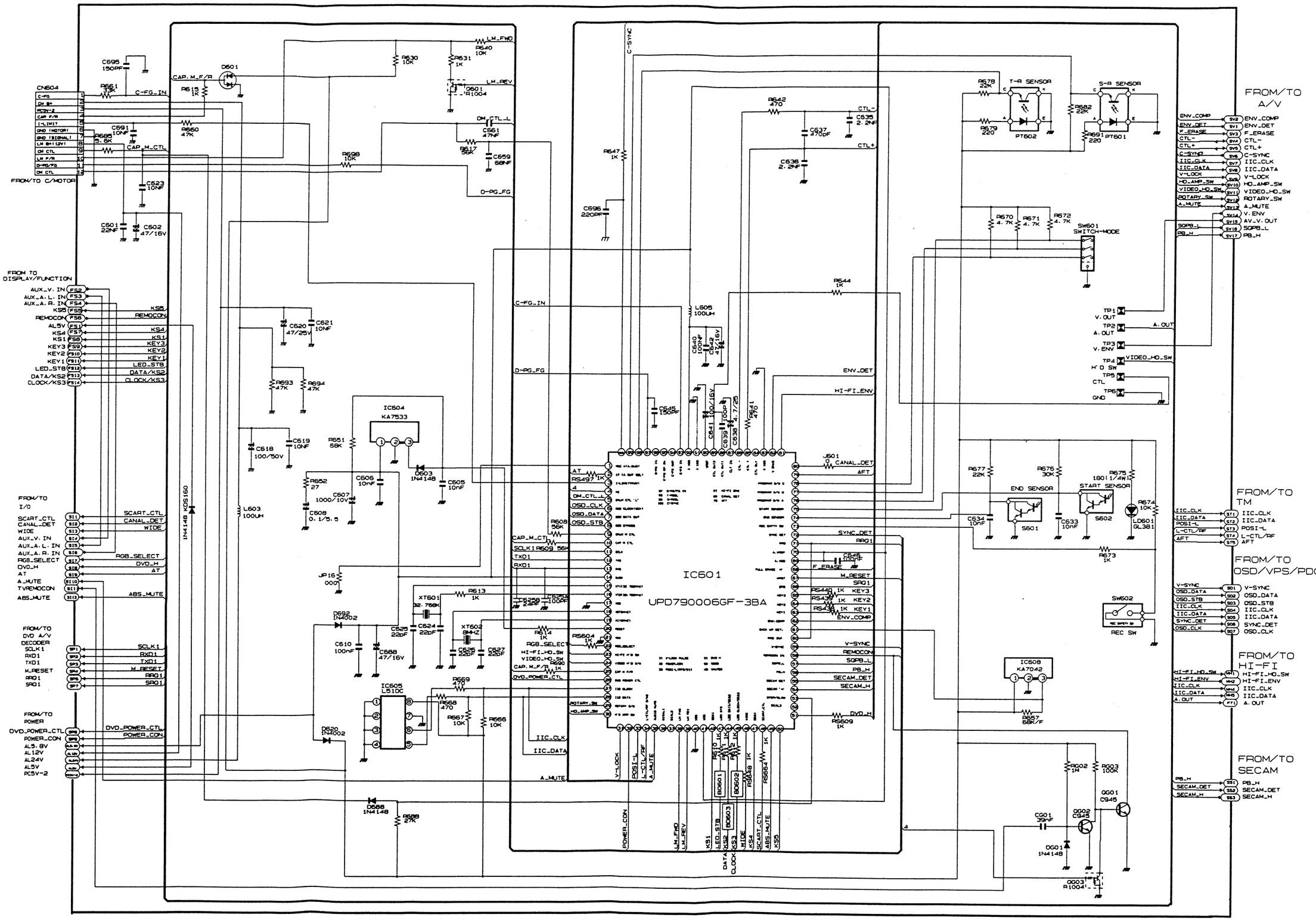
6-2 Power Drive



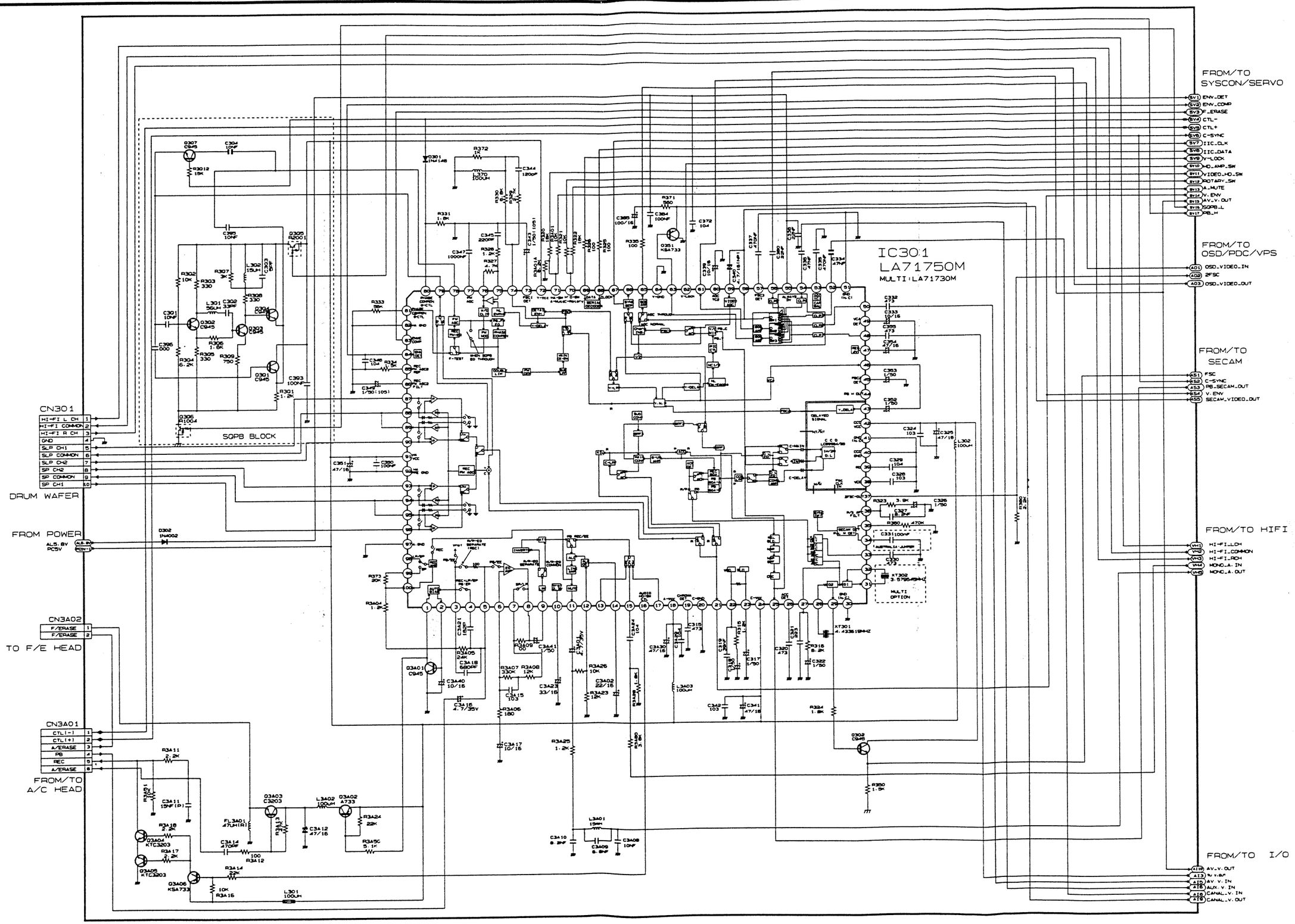
6-3 Display/Function



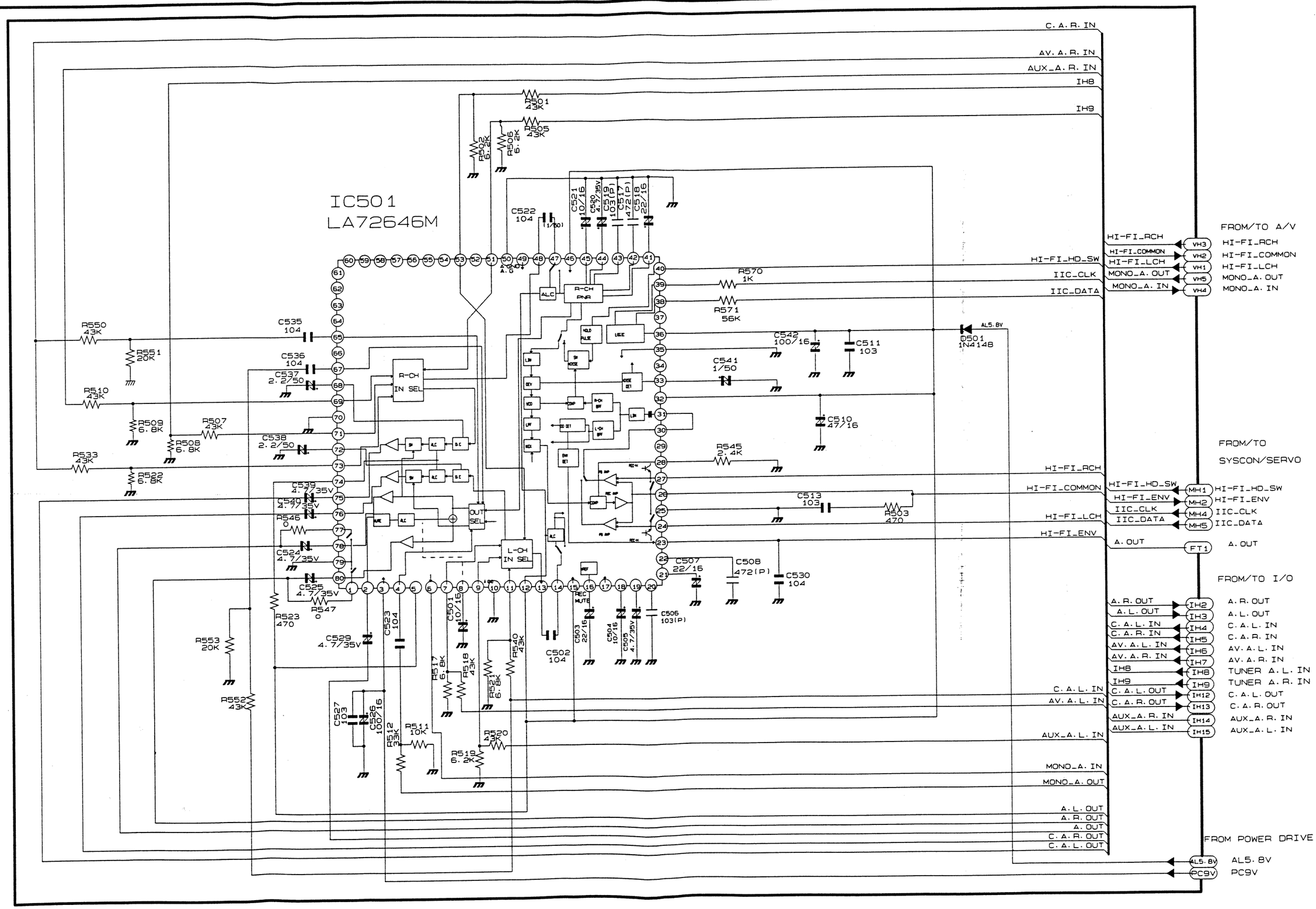
6-4 System Control/Servo



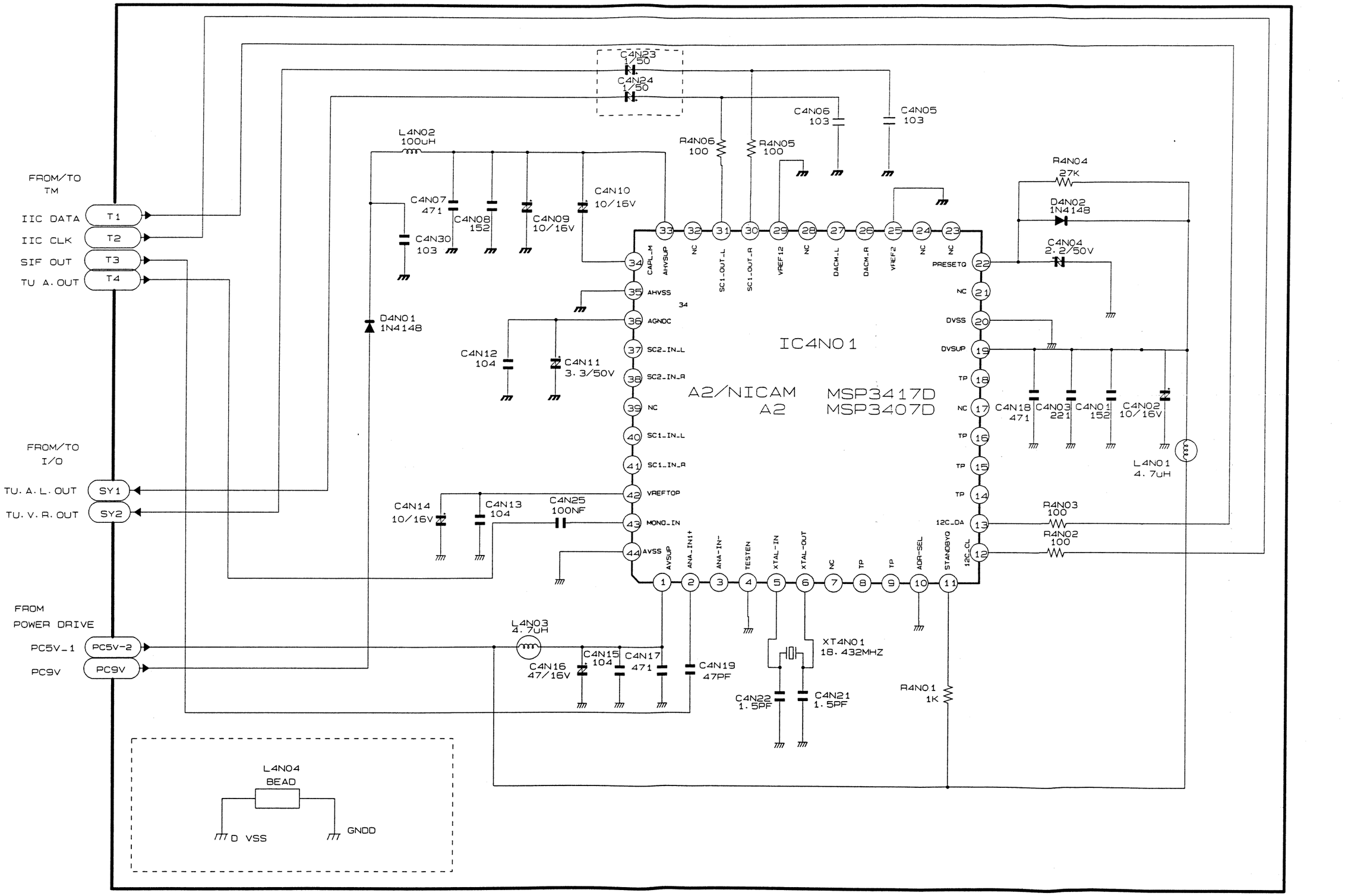
6-5 A/V


IC301
LA71750M
MULTI:LA71730M
SOPB BLOCK
CN301
HI-FI L CH
HI-FI COMMON
HI-FI R CH
GND
SLP CH1
SLP COMMON
SLP CH2
SP CH2
SP COMMON
SP CH1
DRUM WAFER
FROM POWER
AL5.8V
PC5V
CN3A02
F/ERASE
F/ERASE
TO F/E HEAD
CN3A01
CTL(-)
CTL(+)
A/ERASE
PB
REC
A/ERASE
FROM/TO A/C HEAD
FROM/TO SYSCON/SERVO
SV1 ENV_DET
SV2 ENV_COMP
SV3 F_ERASE
SV4 CTL-
SV5 CTL+
SV6 C-SYNC
SV7 IIC_CLK
SV8 IIC_DATA
SV9 V-LOCK
SV10 HQ_AMP_SW
SV11 VIDEO_HQ_SW
SV12 ROTARY_SW
SV13 A_MUTE
SV14 V_ENV
SV15 AV_V_OUT
SV16 SCAP6_L
SV17 PB_H
FROM/TO OSD/PDC/VPS
A01 OSD_VIDEO_IN
A08 2FSC
A03 OSD_VIDEO_OUT
FROM/TO SECAM
A51 FSC
A52 C-SYNC
A53 PB_SECAM_OUT
A54 V_ENV
A55 SECAM_VIDEO_OUT
FROM/TO HIFI
HI-FI_L.CH
HI-FI_COMMON
HI-FI_R.CH
MONO_A_IN
MONO_A_OUT
FROM/TO I/O
A19 AV_V_OUT
A13 A_V_OUT
A15 AV_V_IN
A16 AUX_V_IN
A18 CANAL_V_IN
A17 CANAL_V_OUT

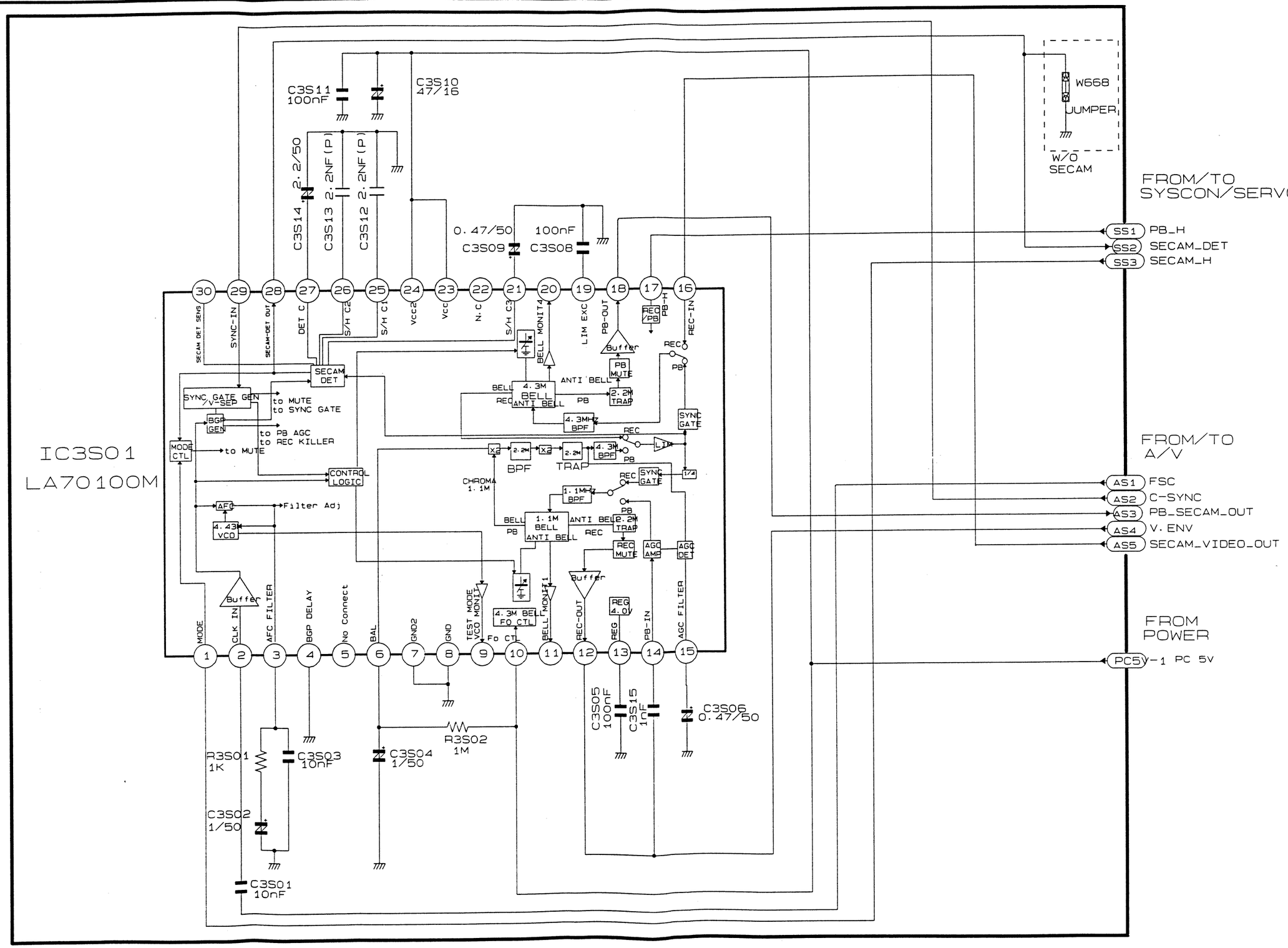
6-6 Hi-Fi


IC501
LA72646M
C.A.R.IN
AV.A.R.IN
AUX_A.R.IN
IH8
IH9
HI-FI_RCH
HI-FI_COMMON
HI-FI_LCH
MONO_A.OUT
MONO_A.IN
FROM/TO A/V
VH3 HI-FI_RCH
VH2 HI-FI_COMMON
VH1 HI-FI_LCH
VH5 MONO_A.OUT
VH4 MONO_A.IN
HI-FI_HD_SW
IIC_CLK
IIC_DATA
AL5.8V
D501 1N4148
R501 43K
R505 43K
R502 6.2K
R506 6.2K
R550 43K
R551 20K
R510 43K
R509 6.8K
R507 43K
R508 6.8K
R533 43K
R522 6.8K
R570 1K
R571 56K
C535 104
C536 104
C537 2.2/50
C538 2.2/50
C539 4.7/35V
C540 4.7/35V
C524 4.7/35V
C525 4.7/35V
C529 4.7/35V
C521 10/16
C520 4.7/35V
C519 103(P)
C517 471(P)
C518 22/16
C522 104
C542 100/16
C511 103
C541 1/50
C510 47/16
R545 2.4K
C513 103
R503 470
C507 22/16
C508 472(P)
C530 104
R546 0
R547 0
R523 470
R553 20K
R552 43K
C523 104
C501 10/16
C502 104
C503 22/16
C504 10/16
C505 4.7/35V
C506 103(P)
R517 6.8K
R518 43K
R521 6.8K
R540 43K
C527 103
C526 100/16
R512 33K
R511 10K
R519 6.2K
R520 43K
R-CH IN SEL
L-CH IN SEL
OUT SEL
ALC
R-CH
L-CH
REC MUTE
FROM/TO SYSCON/SERVO
HI-FI_HD_SW
HI-FI_ENV
IIC_CLK
IIC_DATA
A.OUT
MH1 HI-FI_HD_SW
MH2 HI-FI_ENV
MH4 IIC_CLK
MH5 IIC_DATA
FT1 A.OUT
FROM/TO I/O
A.R.OUT
A.L.OUT
C.A.L.IN
C.A.R.IN
AV.A.L.IN
AV.A.R.IN
IH8
IH9
C.A.L.OUT
C.A.R.OUT
AUX_A.R.IN
AUX_A.L.IN
IH2 A.R.OUT
IH3 A.L.OUT
IH4 C.A.L.IN
IH5 C.A.R.IN
IH6 AV.A.L.IN
IH7 AV.A.R.IN
IH8 TUNER A.L.IN
IH9 TUNER A.R.IN
IH12 C.A.L.OUT
IH13 C.A.R.OUT
IH14 AUX_A.R.IN
IH15 AUX_A.L.IN
MONO_A.IN
MONO_A.OUT
A.L.OUT
A.R.OUT
A.OUT
C.A.R.OUT
C.A.L.OUT
FROM POWER DRIVE
AL5.8V
PC9V

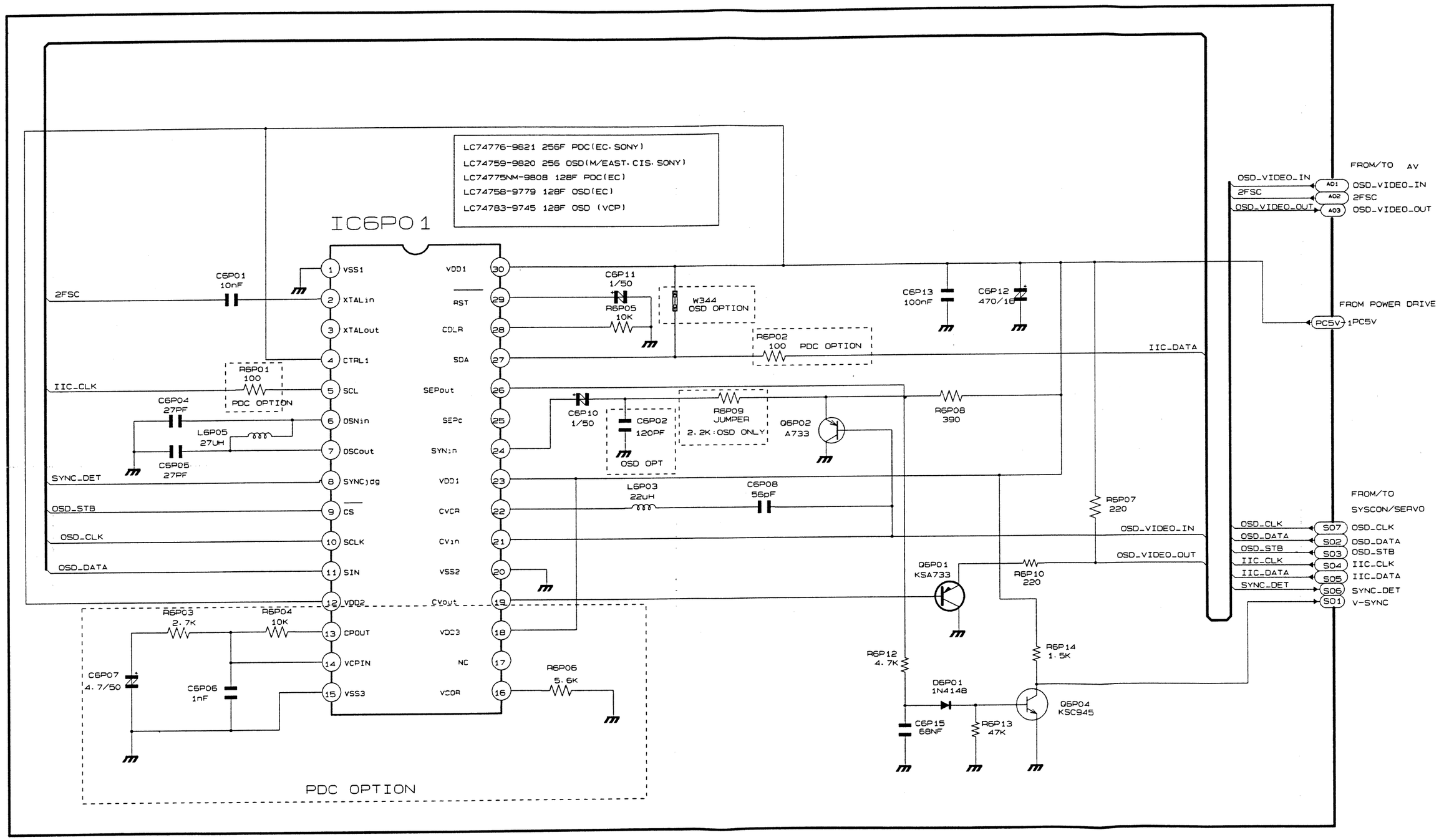
6-7 A2/NICAM

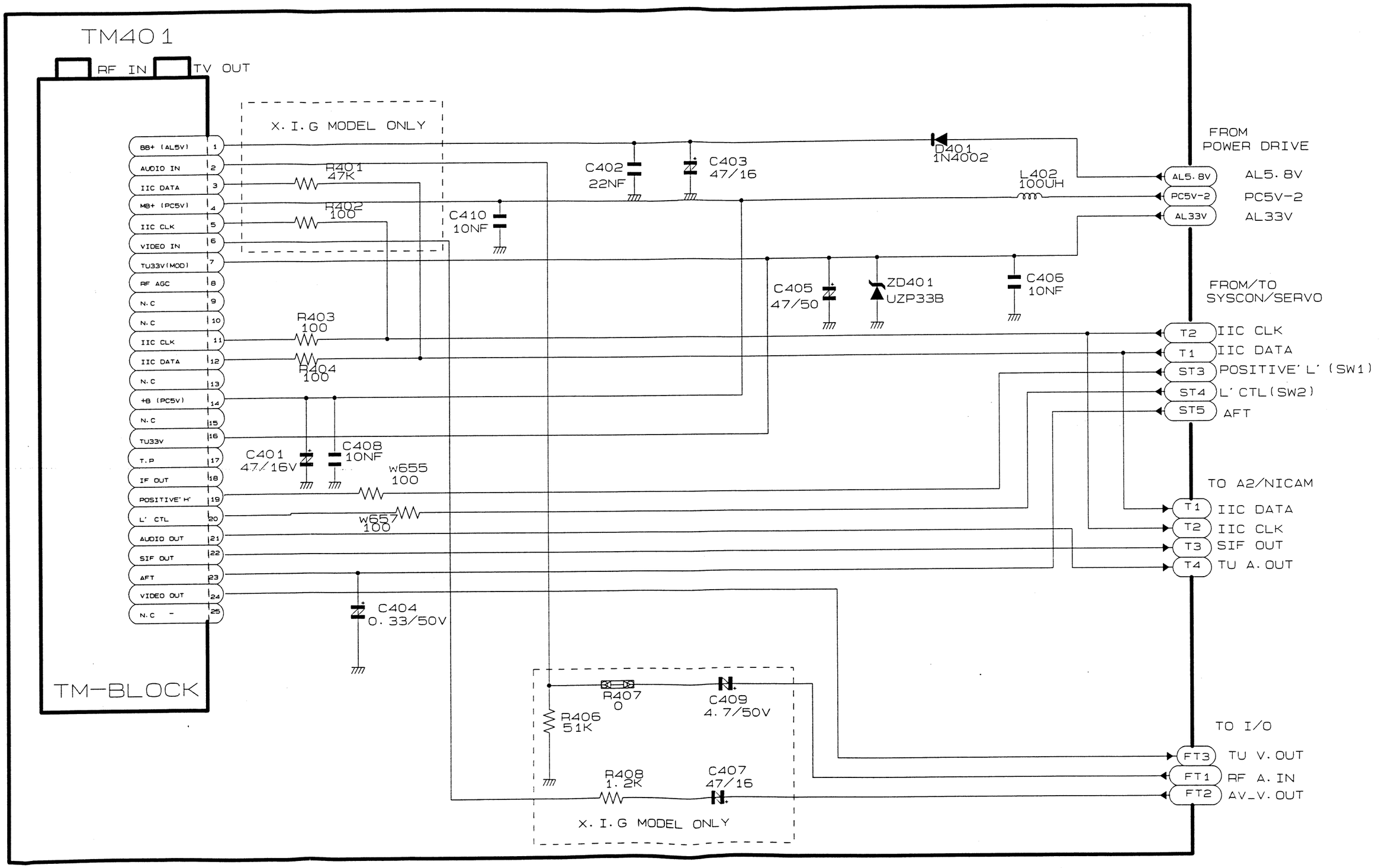

FROM/TO
TM
IIC DATA
IIC CLK
SIF OUT
TU A. OUT
T1
T2
T3
T4
FROM/TO
I/O
TU. A. L. OUT
TU. V. R. OUT
SY1
SY2
FROM
POWER DRIVE
PC5V_1
PC9V
PC5V-2
PC9V
C4N23
1/50
C4N24
1/50
C4N06
103
C4N05
103
L4N02
100uH
R4N06
100
R4N05
100
R4N04
27K
D4N02
1N4148
C4N04
2.2/50V
C4N07
471
C4N08
152
C4N09
10/16V
C4N10
10/16V
C4N30
103
D4N01
1N4148
C4N12
104
C4N11
3.3/50V
IC4N01
A2/NICAM
A2
MSP3417D
MSP3407D
C4N18
471
C4N03
221
C4N01
152
C4N02
10/16V
L4N01
4.7uH
R4N03
100
R4N02
100
C4N14
10/16V
C4N13
104
C4N25
100NF
L4N03
4.7UH
C4N16
47/16V
C4N15
104
C4N17
471
C4N19
47PF
XT4N01
18.432MHZ
C4N22
1.5PF
C4N21
1.5PF
R4N01
1K
L4N04
BEAD
D VSS
GNDD
33 CAPL_M
32 AHVSUP
31 NC
30 SC1_OUT_L
29 SC1_OUT_R
28 VREF12
27 NC
26 DACM_L
25 DACM_R
24 VREF2
23 NC
22 PRESETQ
34 AHVSS
35 AGNDC
36 SC2_IN_L
37 SC2_IN_R
38 NC
39 SC1_IN_L
40 SC1_IN_R
41 VREFTOP
42 MONO_IN
43 AVSS
44
21 NC
20 DVSS
19 DVSUP
18 TP
17 NC
16 TP
15 TP
14 TP
13 I2C_DA
12 I2C_CL
11 STANDBYQ
10 ADR-SEL
9 TP
8 TP
7 NC
6 XTAL-OUT
5 XTAL-IN
4 TESTEN
3 ANA_IN1-
2 ANA_IN1+
1 AVSUP

6-8 SECAM (Option)

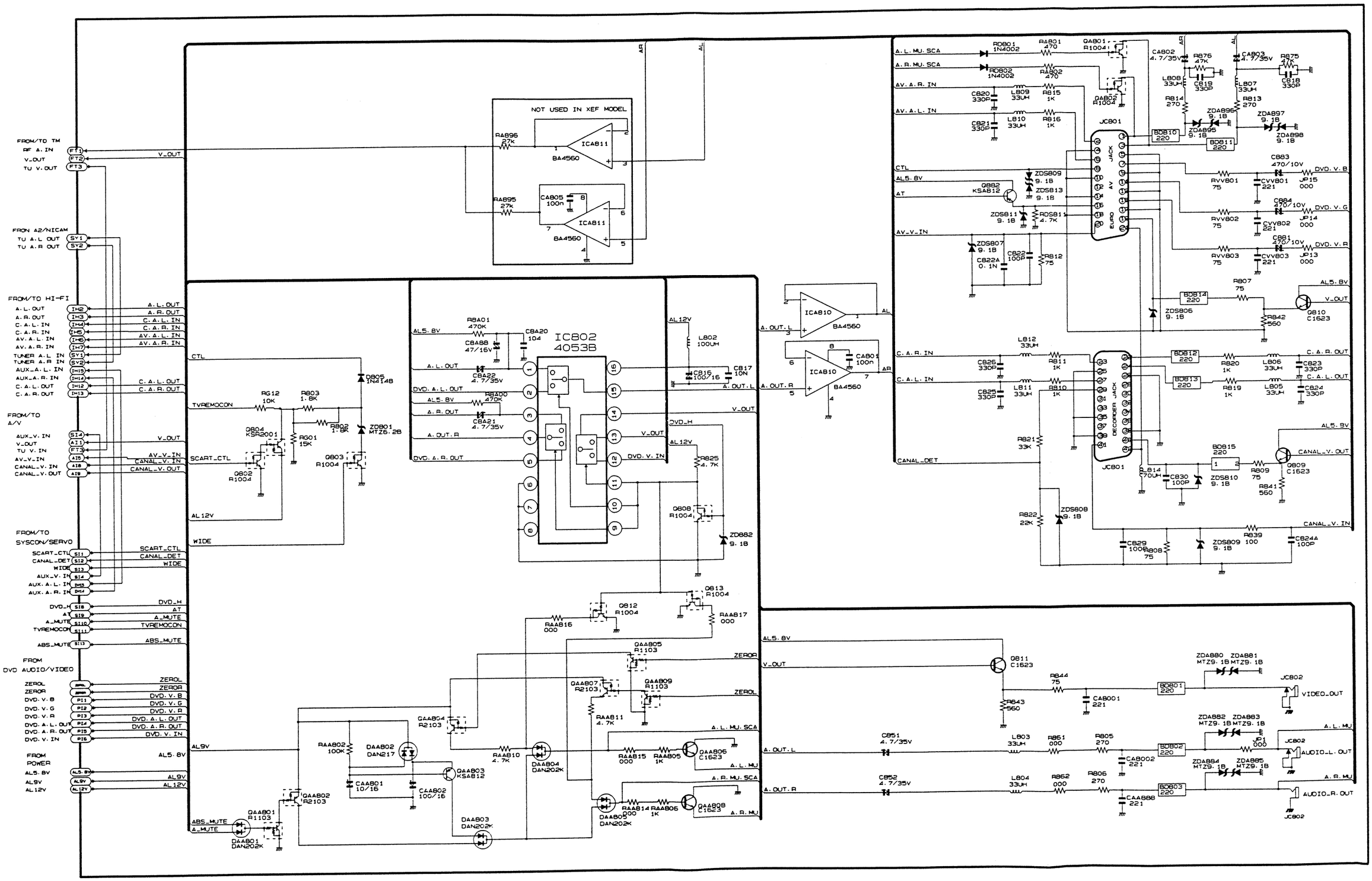


6-9 OSD/VPS/PDC

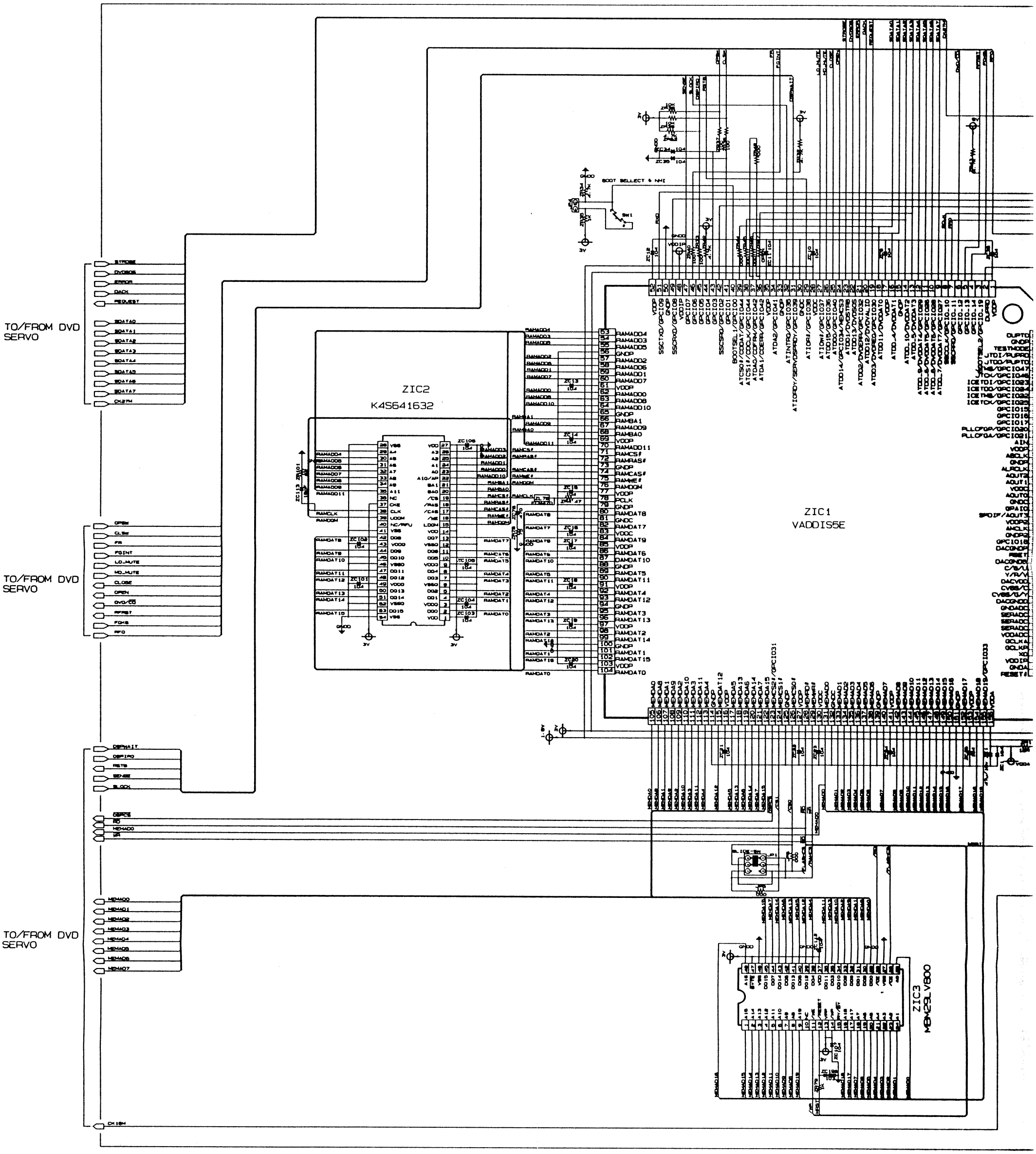


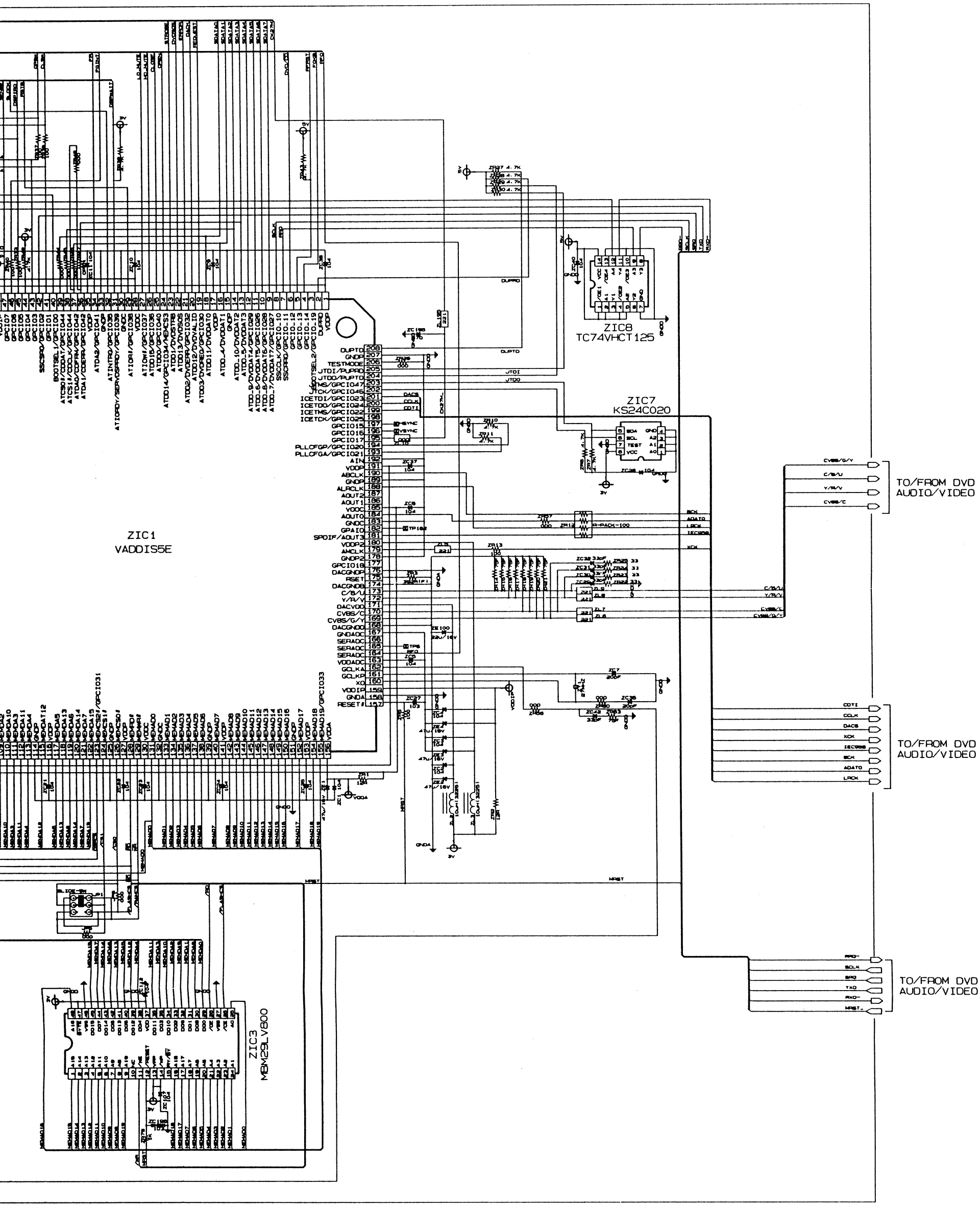

TM401
RF IN
TV OUT
X.I.G MODEL ONLY
BB+ (AL5V) 1
AUDIO IN 2
IIC DATA 3
MB+ (PC5V) 4
IIC CLK 5
VIDEO IN 6
TU33V(MOD) 7
RF AGC 8
N.C 9
N.C 10
IIC CLK 11
IIC DATA 12
N.C 13
+B (PC5V) 14
N.C 15
TU33V 16
T.P 17
IF OUT 18
POSITIVE' H' 19
L' CTL 20
AUDIO OUT 21
SIF OUT 22
AFT 23
VIDEO OUT 24
N.C 25
R401 47K
R402 100
R403 100
R404 100
C401 47/16V
C408 10NF
W655 100
W657 100
C410 10NF
C402 22NF
C403 47/16
D401 1N4002
L402 100UH
C405 47/50
ZD401 UZP33B
C406 10NF
C404 0.33/50V
R407 0
C409 4.7/50V
R406 51K
R408 1.2K
C407 47/16
X.I.G MODEL ONLY
TM-BLOCK
FROM POWER DRIVE
AL5.8V
PC5V-2
AL33V
FROM/TO SYSCON/SERVO
T2 IIC CLK
T1 IIC DATA
ST3 POSITIVE' L' (SW1)
ST4 L' CTL(SW2)
ST5 AFT
TO A2/NICAM
T1 IIC DATA
T2 IIC CLK
T3 SIF OUT
T4 TU A.OUT
TO I/O
FT3 TU V.OUT
FT1 RF A.IN
FT2 AV_V.OUT

6-11 Input-Output

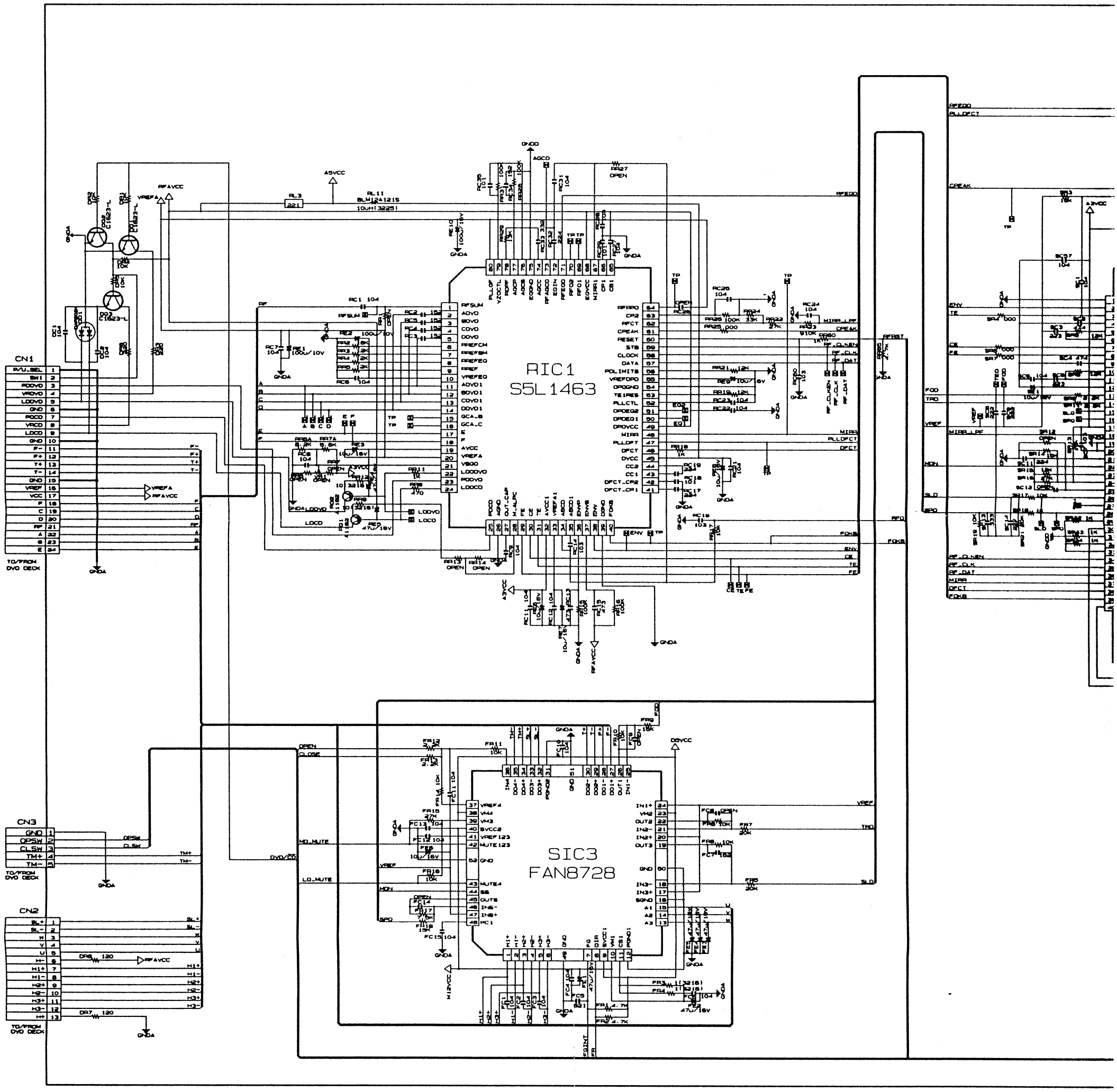


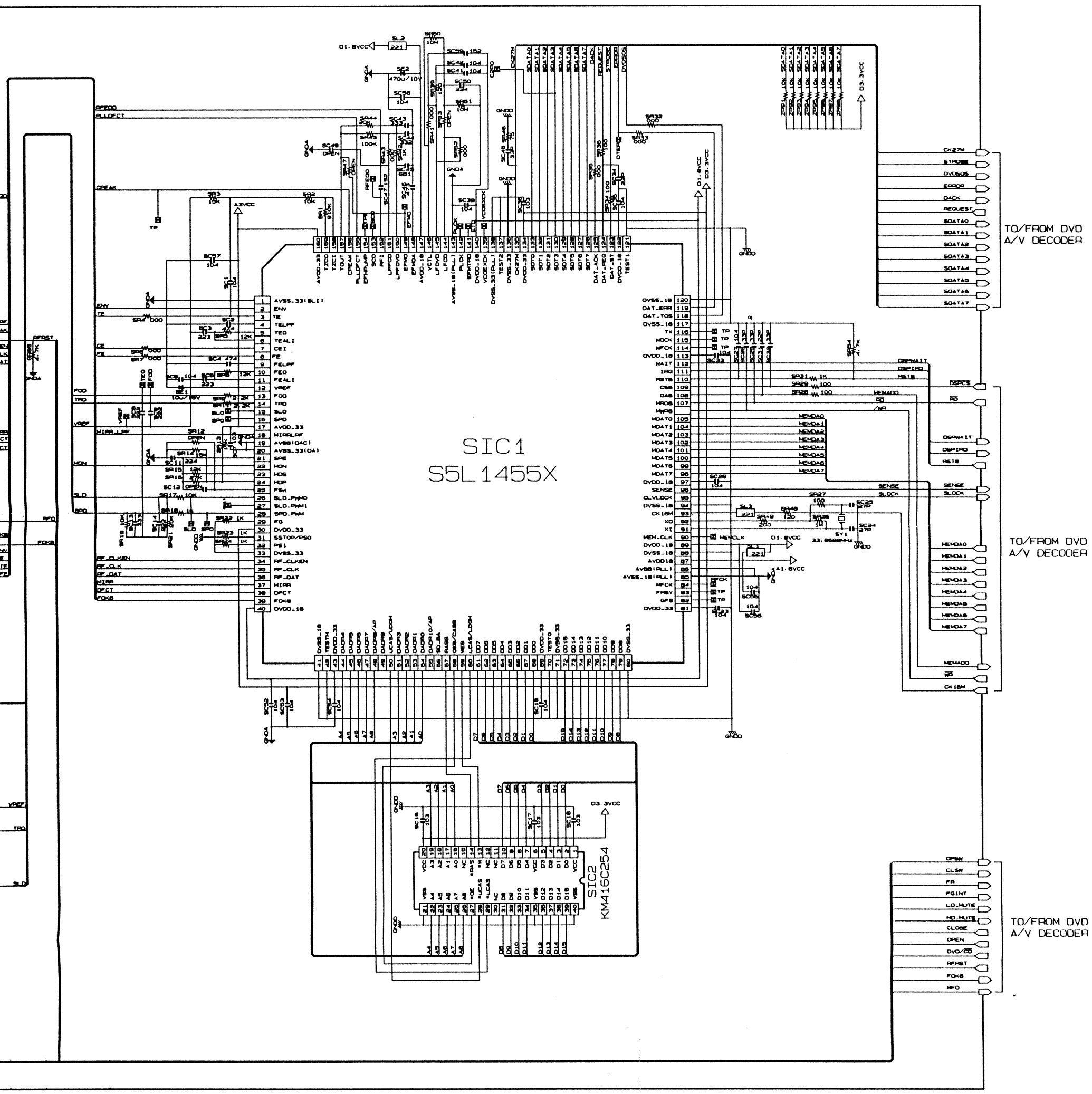
DVD AV-Decoder

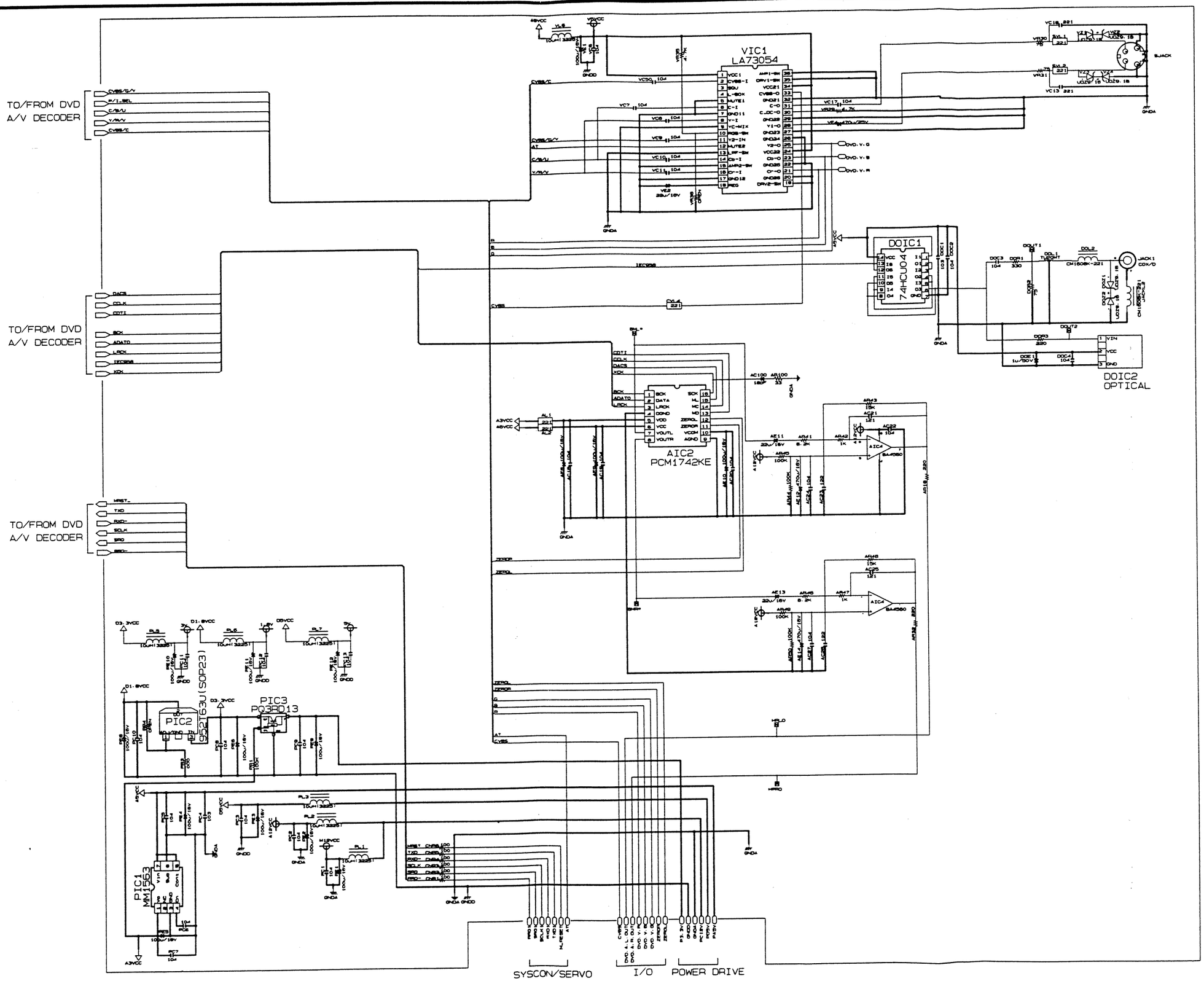



ZIC1
VADDIS5E
ZIC8
TC74VHCT125
ZIC7
KS24C020
ZIC3
MBM29LV800
TO/FROM DVD
AUDIO/VIDEO
TO/FROM DVD
AUDIO/VIDEO
TO/FROM DVD
AUDIO/VIDEO

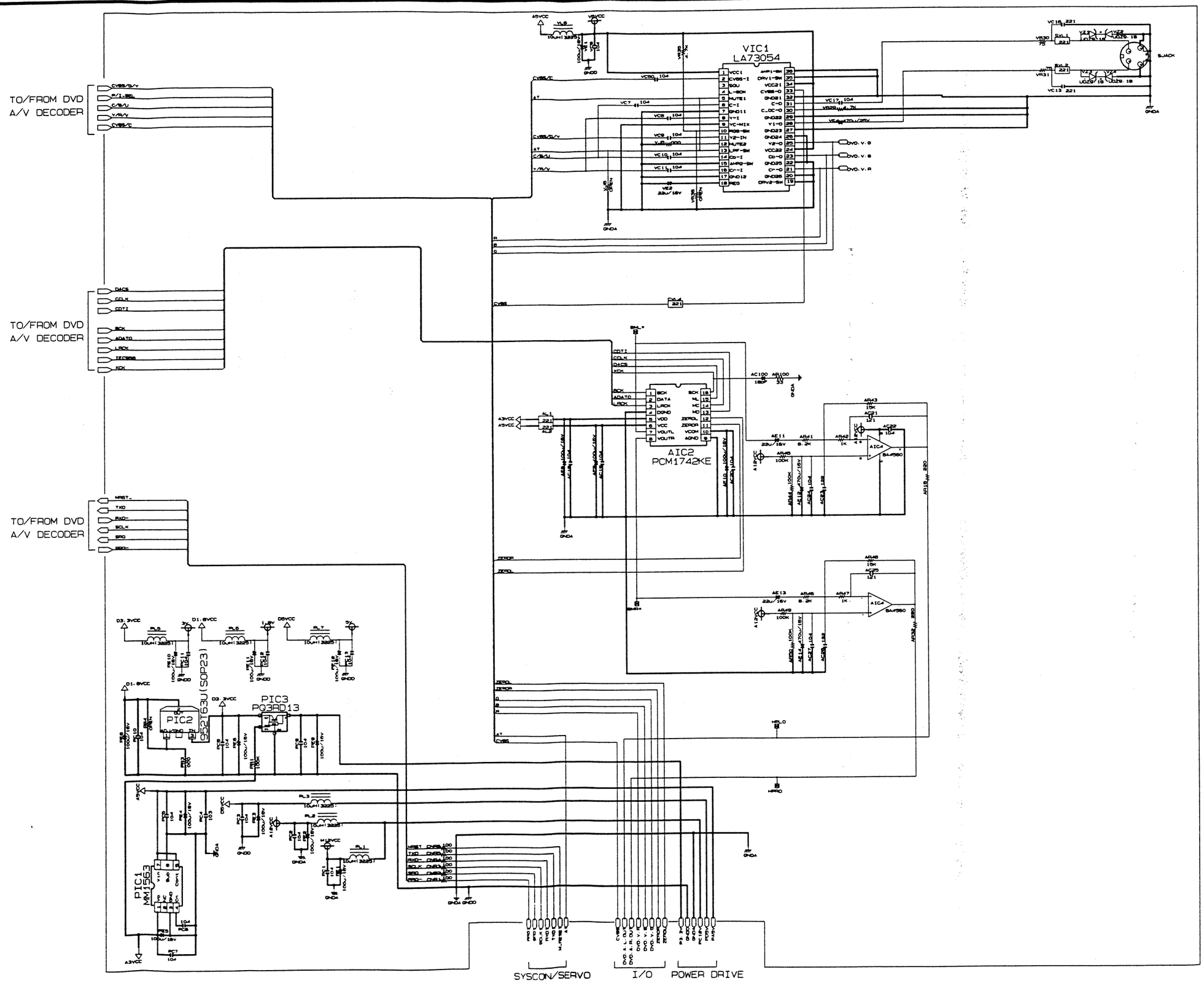
6-13 DVD Servo




SIC1
S5L1455X
SIC2
KM416C254
TO/FROM DVD
A/V DECODER
TO/FROM DVD
A/V DECODER
TO/FROM DVD
A/V DECODER


TO/FROM DVD A/V DECODER
TO/FROM DVD A/V DECODER
TO/FROM DVD A/V DECODER
VIC1 LA73054
DOIC1 74HCU04
DOIC2 OPTICAL
AIC2 PCM1742KE
PIC1 MM1563
PIC2 9521T63U(SOP23)
PIC3 PQ3RD13
SYSCON/SERVO
I/O
POWER DRIVE

6-15 DVD Audio/Video (Only for SV-DVD40)

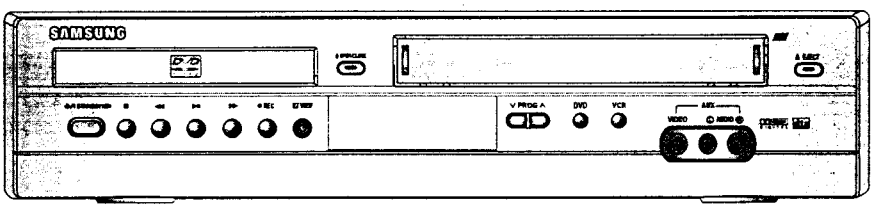


SAMSUNG

DVD-VCR COMBINATION

SV-DVD40B/XEV

SERVICE Manual



– SUMMARY –

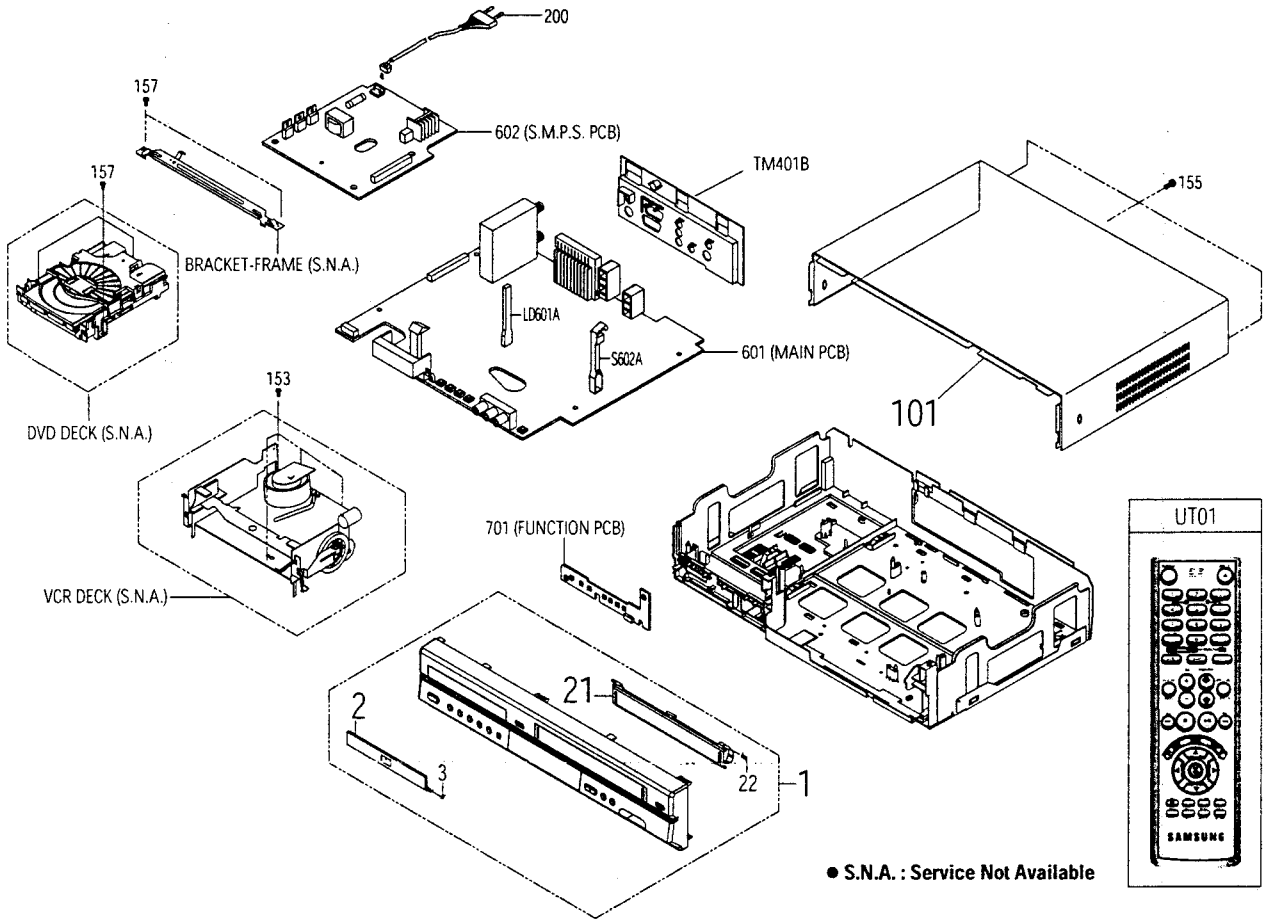
This model is based on SV-DVD40.

This service manual covers only different portions from service manual (Code-No. ; AK82-00358A) for SV-DVD55/DVD40.

The technical information included in the service manual (Code-No. ; AK82-00358A) for SV-DVD55/DVD40 can be used for SV-DVD40B/XEV servicing.

DIFFERENT POINT

CABINET ASSEMBLY



● S.N.A. : Service Not Available

Loc.No	Part No	Description ; Specification
1	AK97-00358H	ASSY-PANEL FRONT;HIPS 94HB(G5443),SV-DVD
2	AK64-00190B	DOOR-TRAY;SV-DVD40B/XEV,ABS 94HB(G6425),
21	AK64-00189N	DOOR-CASSETTE;SV-DVD40B/XEV,ABS 94HB(G64
101	AK64-00177C	CABINET-TOP;SV-DVD40B,PCM ,T0.5,W430,L23

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